

EXPRESSION OF INTEREST NOTICE

**HEALTH DATA CENTER INFRASTRUCTURE
UPGRADE**

AMREF HEALTH AFRICA IN KENYA

TENDER NO: AMREF/21/08/2019/002



EXPRESSION OF INTEREST HEALTH DATA CENTRE INFRASTRUCTURE UPGRADE

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REPUBLIC OF KENYA



MINISTRY OF HEALTH



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Section 1: Invitation to Tender

1. Amref Health Africa invites sealed tenders from eligible service providers for the Expression of Interest for Health data center infrastructure upgrade.
2. A complete set of tender documents containing detailed information may be downloaded from the Amref Health Africa website: <https://amref.org/expression-of-interest-eoi/> upon payment of non-refundable fee of *Kshs 2,000 per Lot*. The payment should be made through either of the following Bank accounts: Kenya Commercial Bank, Kipande House Branch, Account No: 1111429243 OR National Bank of Kenya, Wilson Branch, Account No: 01020058235400. Candidates will then submit original bank counterfoils together with their tender document as proof of purchase.
3. Further information as pertains to this tender may be obtained during working hours ((Monday -Thursday 8am to 5pm and on Friday 8am to 2pm) using the following address: Group Chief Finance Officer, Amref Health Africa, Kenya office, located along Langata Road, Nairobi, Tel: +254 20 6994000; Email address: tender.queries@amref.org
4. Completed Tender Documents (Both mandatory and technical) in plain sealed envelopes marked with the tender number and title as shown below:
AMREF/21/08/2019/002/DATA HEALTH CENTER INFRASTRUCTURE UPGRADE”.
should be deposited at the Amref Health Africa - KCO Big Tender Box clearly marked “*AMREF/21/08/2019/002 /Data Health center infrastructure upgrade*” at Amref Health Africa in Kenya Main Reception not later than **28th August 2019 at 12noon**. Late bids will not be accepted and will be returned unopened.
5. Tenders will be opened immediately thereafter, i.e. **on 28th August 2019 at 12noon** in the presence of the tenderers representatives who may choose to attend the opening at the Amref Health Africa in Kenya Large lecture room.
6. Electronic bidding will not be permitted
7. Bid document to be serialized/paginated on all page.
8. All bidders MUST perform a site survey between the following dates (**from 22nd to 26th August 2019**) **between 9.00 am and 12noon**. Interested bidders are expected to assembly as per the dates and time indicated at the Ministry of Health reception, situated in Afya House. Bidders can send their proposed day and time of visit (on which must fall on the dates and time as indicated at the Ministry of Health reception, situated in Afya House, ICT office, Lower Ground, Cathedral Road. Bidders can send their proposed day and time



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of visit (on which must fall on the dates and time as indicated above) to the email address: tender.queries@amref.org.

Section 2: Instructions to Tender

2.1 Eligible tenderers

- 2.1.1 This Invitation to tender is open to all tenderers eligible as described in the instructions to tenderers. Successful tenderers shall provide the services for the stipulated duration from the date of commencement (hereinafter referred to as the term) specified in the tender documents.
- 2.1.2 The procuring entity's employees, committee members, board members and their relative (spouse and children) are not eligible to participate in the tender.
- 2.1.3 Tenderers shall provide the qualification information statement that the tenderer (including all members, of a joint venture and subcontractors) is not associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Procuring entity to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the services under this Invitation for tenders
- 2.1.4 Tenderers involved in corrupt or fraudulent practices or debarred from any procurement body shall not be eligible.

2.2 Cost of tendering

- 2.2.1 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.
- 2.2.2 The price to be charged for the tender document shall not exceed **Kshs. 2,000/= per Lot**.
- 2.2.3 The procuring entity shall allow the tenderer to review the tender document free of charge before purchase by downloading in the website provided above

2.3 Contents of tender documents

- 2.3.1 The tender document comprises of the documents listed below
 - Instructions to tenderers
 - i. General Conditions of Contract
 - ii. Special Conditions of Contract
 - iii. Schedule of Requirements
 - iv. Details of service
- 2.3.2 The Tenderer is expected to examine all instructions, forms, terms, and specifications in the tender documents. Failure to furnish all information required by the tender



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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.

2.4 Clarification of Documents

- 2.4.1 A prospective candidate making inquiries of the tender document may notify the Procuring entity in writing or by post, or email at the entity's address indicated in the Invitation for tenders. The Procuring entity will respond in writing to any request for clarification of the tender documents, which it receives no later than three (3) 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 who have received the tender documents"
- 2.4.2 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

2.5 Amendment of documents

- 2.5.1 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 issuing an addendum.
- 2.5.2 All prospective tenderers who have obtained the tender documents will be notified of the amendment by post or email and such amendment will be binding on them.
- 2.5.3 In order 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.

2.6 Language of tender

- 2.6.1 The tender prepared by the tenderer, as well as all correspondence and documents relating to the tender exchanged by the tenderer and the Procuring entity, shall be written in English language. 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.

2.7 Validity of Tenders

- 2.7.1 Tenders shall remain valid for 90 days or as specified in the Invitation to tender after the date of tender opening prescribed by the Procuring entity. A tender valid for a shorter period shall be rejected by the Procuring entity as non-responsive.



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2.7.2 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. A tenderer granting the request will not be required nor permitted to modify its tender after submission.

2.8 Format and Signing of Tender

2.8.1 The Procuring entity shall prepare one copy of the tender, clearly marking with the tender title and number ““*AMREF/21/08/2019/002 /Data Health center infrastructure upgrade,*” as appropriate.

2.8.2 The tender document 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 un-amended printed literature, shall be initialed by the person or persons signing the tender.

2.8.3 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.

2.9 Deadline for Submission of Tenders

2.9.1 Tenders must be received by the Procuring entity at the address specified under no 3 – Invitation to tender not later than **(28th August 2019 at 12noon)**.

2.9.2 The Procuring entity may, at its discretion, extend this deadline for the submission of tenders by amending the tender documents in accordance with paragraph 2.5, 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

2.10 Modification and Withdrawal of Tenders

2.10.1 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.

2.10.2 The Tenderer's modification or withdrawal notice shall be prepared, sealed, marked, and dispatched to the tenderer. A withdrawal notice may also be sent by email but followed by a signed confirmation copy, postmarked no later than the deadline for submission of tenders.

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

2.10.4 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.



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2.10.5 The procuring entity may at any time terminate procurement proceedings before contract award and shall not be liable to any person for the termination.

2.11 Opening of Tenders

- 2.11.1 The Procuring entity will open all tenders in the presence of tenderers' representatives who choose to attend, on **(28th August 2019 at 12 noon)** and in the location specified in the Invitation to Tender.
- 2.11.2 The tenderers' representatives who are present shall sign a register evidencing their attendance.
- 2.11.3 The Procuring entity will prepare minutes of the tender opening

2.12 Clarification of Tenders

- 2.12.1 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 substance of the tender shall be sought, offered, or permitted.
- 2.12.2 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.

2.13 Preliminary Examination

- 2.13.1 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.
- 2.13.2 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.
- 2.13.3 The Procuring entity will determine the substantial responsiveness of each tender to the tender documents. For purposes of these paragraphs, a substantially responsive tender is one, which conforms to all the terms and conditions of the tender documents without material deviations. The Procuring entity's determination of a tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.
- 2.13.4 If 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.



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2.14 Evaluation and Comparison of Tenders

- 2.14.1 The Procuring entity will evaluate and compare the tenders which have been determined to be substantially responsive, pursuant to paragraph 2.13
- 2.14.2 The 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 Amref Health Africa procurement.

2.15 Contacting the Procuring entity

- 2.15.1 Subject to paragraph 2.12 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.
- 2.15.2 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.



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Section 3: Conditions to Tender

3.1 Definitions

3.1.1 In this Contract, the following terms shall be interpreted as indicated: -

- a) The Procuring entity” means the organization purchasing the service/good.
- b) The Tenderer’ means the individual or firm supplying the Goods/service under this Contract

3.2 Application

3.2.1 These General Conditions shall apply in all Contracts made by the Procuring entity for the procurement of infrastructure to upgrade the health center

3.3 Standards

3.3.1 The services /good supplied under this Contract shall conform to the standards mentioned in the Technical Specifications

3.4 Use of Contract Documents and Information

3.4.1 The tenderer shall not, without the Procuring entity’s prior written consent, disclose the Contract, or any provision therefore, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring entity in connection therewith, to any person other than a person employed by the tenderer in the performance of the Contract.

3.4.2 The tenderer shall not, without the Procuring entity’s prior written consent, make use of any document or information enumerated in paragraph 3.4.1 above

3.4.3 Any document, other than the Contract itself, enumerated in paragraph 3.4.1 shall remain the property of the Procuring entity and shall be returned (all copies) to the Procuring entity on completion of the Tenderer’s performance under the Contract if so required by the Procuring entity

3.5 Patent Rights

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

3.6 Project Timelines

The successful bidder shall be expected to undertake the project within the time agreed in the contract.



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Section 4: Background Information

Ministry of Health in collaboration with Amref Health Africa is committed to supporting global efforts to increase accountability and improve quality data for decision-making. Kenya Health and Research Observatory (KHRO) was one of the key priorities identified for the country during the launch of the Kenya Health Data Collaborative in May 2017 in Nairobi. Kenya intends to establish a National Health Observatory as an information technology platform designed to facilitate multi-stakeholder collaboration and partnership in accessing and using information for strengthening national health information systems and to serve as a repository for health information and provide tools to strengthen the monitoring of health sector performance.

The Ministry, through the support of Amref Health Africa, intends to improve the infrastructure at the data centre. They will offer financial and technical support to the infrastructure upgrade which will be able to support the implementation of the KHRO fully and other systems with great efficiency.

Section 5: General Requirements

1. Bidders **MUST** undertake a site visit and a Bidder Site Visit Form (Annex 1) provided shall be signed by both bidder and MOH ICT staff. A site visit report by the bidder **MUST** be provided and attached to the bidder Site Visit Form during submission. Without this the bidder will automatically be **DISQUALIFIED**.
2. Site visits will be undertaken **ONLY** between the following dates (**from 22nd to 26th August 2019**) **between 9.00 am and 12noon**. Interested bidders are expected to assembly as per the dates and time indicated at the Ministry of Health reception, situated in Afya House, Cathedral Road. Bidders can send their proposed day and time of visit (on which must fall on the dates and time as indicated above) to the email address: **tender.queries@amref.org**.
3. After site visits, Bidders are expected to propose the best solution to improve the data centre. The Bidder's proposed solution for the data center **MUST** be submitted. This shall entail the design of works and detail how the Bidder intends to undertake the upgrade of the data center and achieve the expected output as stipulated in this document. The design of works **MUST** include the following designs: data storage system, active directory, power system, network structure, security system, air-conditioning system, fire suppression system and how all these systems will integrate to work and provide an optimal data center environment.



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4. The bidder must also describe in detail all services, works, items, software and hardware equipment they intend to provide.
5. Statutory legal documents must be provided (company registration certificate, KRA compliance certificate, PIN Certificate, VAT certificate). Without these will lead to automatic disqualification.
6. Recommendation letters from previous clients for similar project MUST be provided.
7. A work plan and project approach to undertake the works provided in this TOR MUST be submitted.

Section 6: UPGRADING OF DATA CENTER INFRASTRUCTURE SCOPE

Specification of works to be done:

1) Supply, and Upgrade of servers

HP New servers

Qty	Make	Model	Processor	HDD	RAM	Power Supply	4 port HBA
2	HP	DL380 GEN 10	2	3 X 300 GB	384 GB	2	

HP Server Upgrade requirements

	Make	Model	Processor Required	RAM Required	Power Supply required	4 port HBA Required
1	HP	DL380 GEN 9	1	160 GB (32GBx5pcs)	1	1
2	HP	DL380 GEN 9	1	160 GB (32GBx5pcs)	1	1
3	HP	DL380p GEN 8	1	160 GB (32GBx5pcs)	1	1
4	HP	DL380p GEN 8	1	160 GB (32GBx5pcs)	1	1

Parts must be Manufacturer Genuine from HP

Supply of Laptop for Administrator Monitoring



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Core i7, 16GB RAM, 1TB HDD, 15.6", Wind 10 Pro 64 bit, USB-wireless mouse, carrying case.

2) Server Virtualization

Propose to deploy a Hypervisor for 6 Host servers with a total of 12 Processors with has the following functionalities:

- a) Resource load balancing
- b) Support deduplication
- c) Vmotion
- d) Site Recovery
- e) Centralised Web Management dashboard
- f) Support Fibre connectivity (HBA)

3) Storage Setup and Configuration

Configuring and deploy the existing HP 3PAR StoreServ to present storage volumes to the virtualized infrastructure.

- a) Incorporate storage replication, deduplication, high availability among other appliance licensed features and options.
- b) Assess and propose hardware improvement

4) Active Directory Setup and Migration of Application

- a) Setup of Windows Server 2016 Enterprise Edition and configure Active Directory, DNS, DHCP and any other required roles or Features.
- b) Migrate 20 custom applications currently residing on stand-alone physical servers to a virtualized environment. These applications are windows and Linux based.

5) Microsoft Windows and SQL Server Licensing

To provide Windows Server 2016 Enterprise Licenses for 25 Application Servers and SQL 2016 Enterprise Edition Licenses for 5 Database Servers.

6) Antivirus

Propose to deploy a Centralized Anti-virus solution for 50 servers with TWO (2) year subscription having the following features

- a) Malware Detection & Removal
- b) Firewall



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- c) Auto SandBoxing Technique
- d) Virus Scan
- e) Web Control

7) Firewall Appliance

Propose to deploy a Unified Threat Management System with comprehensive threat protection that delivers the following:

- i. Firewall
- ii. IPS (Intrusion Prevention System)
- iii. VPN (IPsec and SSL)
- iv. Web Filtering
- v. Anti-Virus
- vi. Integration with endpoint antivirus solution(s)
- vii. APT (Advance Persistent Threat)
- viii. Anti-Spam
- ix. DLP (Data Loss Prevention)
- x. Real-time content scanning to block threats, control web surfing and control data/file transfers.
- xi. Securely enable applications on networks based on users and groups and IP addresses.
- xii. Application control, bandwidth management, dynamic routing (IPv4 & IPv6), endpoint NAC, SSL-encrypted traffic inspection, and WAN Optimization.
- xiii. Internet connection load balancing and failover capabilities.
- xiv. Sandboxing or equivalent computer security mechanism that will test unverified programs that may contain a virus or other malicious code.

8) Data Backup Solution

Propose to deploy a robust Enterprise hardware Appliance backup solution with the following features:

- a) Able to backup and restore Databases, Virtual Machine, Active Directory, SharePoint and File server.
- b) Ability to integrate with a Tape Library
- c) Perform deduplication
- d) In-built and scalable storage
- e) Web management Interface
- f) Ability to integrate with a Hypervisor for quick restore of Virtual Machines
- g) Remote Backup Replication to DR Site and cloud

9) Data center Monitoring tool

Propose to deploy data center monitoring tools with the following capabilities to the infrastructure.

- a) Ease of deployment and management
- b) Web based with dashboard



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- c) Visual infrastructure mapping of all physical and virtual infrastructure
- d) Flexible performance monitoring
- e) Real-time notifications via email, SMS among others
- f) Bandwidth and flow analysis
- g) A 55" display monitor to be mounted.

10) Internet connection

Provide internet backup fiber link with minimum of 30Mbps dedicated symmetrical bandwidth

11) CCTV Surveillance

Propose to deploy a IP Closed Circuit Television with the following features;

- a) IP Network Video Recorder (NVR) to facilitate archiving of footage to disk and DR Site
- b) Limit availability to CCTV footage to specific IP address
- c) CCTV network must be on a separate network/VLAN
- d) The number of IP PoE cameras should be sufficient so as to capture entire room activity
- e) Digital cameras with high resolution, motion sensor and night vision.
- f) Ability to monitor remotely in real-time.

12) Review, Design and Implementation of Power Management

Power is a key component of a data center and it is therefore essential that a comprehensive power connection and backup be provisioned to ensure 100% uptime. The following shall be implemented for the power management:

- a) The distribution boards be relocated and consolidated at a location that is easy to access the distribution boards should incorporate power from the utility company (KPLC), existing redundant power (UPS), batteries and Generator.
- b) Labeling of all circuit breakers corresponding to the racks and equipment they are supplying.
- c) Program and Install an existing power management battery/UPS system. This will ensure clean power for the server room and ensure 48 hours' standby time. The implementation of surge protection devices. This requirement will need to cater to surges from lightning to voltage surges at the distribution boards.
- d) The installation of proper grounding. This will need to cater to not only lightning, but also racks and other metallic items in the Data Center.
- e) service the stand by generator that is dedicated for the server room



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- f) electrical cabling in the server room with proper labelling and documentation based on electrical engineering standards

13) Design and Restructuring of the Datacenter Cabling

There are several international standards that guide on the best approach when setting up these two co-related areas. The one that most experts say offers the most comprehensive guidelines is ANSI/TIA-942. Using this as our guide, we require the following;

- a) Cable management of the Main and Internal Distribution Cabinets
- b) Install new cabling and patch panels
- c) **Clearly demarcated cable trays.** The trays running under the raised floor need to be separated into three pathways; fibre cables, UTP cables, and power cables.
- d) **Standardized labeling.** The cabinets, panels, and cables all need to be labeled in a standardized manner that is easy to understand and manage.
- e) **Redundant Core Network Switch.** Supply and install a second network core switch Cisco 4500 series in active-active configuration mode.

14) Structural Improvement of Data Center

The MOH data center is existing and the following improvement is required to be effected:

- a) The perforated floor tiles need to be replaced and rearranged to create a cold aisle immediate cabinet.
- b) Rebuilding the raised floor to improve the utilization of cooling and ensure stability of the racks
- c) Effective cabling trays to be installed. cables
- d) Installation of a new steel door –door with magnetic locking mechanism, biometric access system with fingerprint and normal lock and key combination
- e) The cables running in and out of the racks be properly managed and labeled.
- f) Assess and implement the existing fire suppression, Alarm and Smoke Detector mechanism and document standard operating procedures on how to deal with a fire in the server room to be displayed on the door.

15) Implementation of Temperature Management and Monitoring

Temperature regulation is paramount in the efficient operations of the data center. There is the need for installation of a comprehensive temperature regulation and monitoring system within the server room to ensure optimal temperature of between 18 C– 23 C. To achieve this the following should be implemented



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- a) To assess and repair the existing Air Conditioning Units.
- b) Supply and Install an extra digital remote-controlled Air Conditioning unit of 80,000 BTU. The perforated raised floor panels need to be increased and rearranged into cold and hot isles. This will increase the airflow where it is needed by the equipment and in turn increase efficiency of the cooling unit(s).
- c) To raise the Outdoor units to more than a Meter high from the ground.
- d) Install smart temperature sensors around the server room and at potential hot zones.
- e) Install smart temperature sensors on each server rack one at the bottom and another at the top to measure temperature of inflow and outflow air.
- f) Install and configure monitoring software to capture and warn when temperatures are out of range for every server rack and the server room at large (Email and SMS).

16) Training and Documentation

- a) Vendors to conduct comprehensive training for ICT Staff for each implemented solutions
- b) Provide detailed documentation and User Guides / Manuals,
Deploy AD services and conduct Server administration – AD, DHCP, DNS and other required features and roles

NOTE: All documentation shall be provided in well bound Two colored hard copies and a soft copy.

17) Service Level Agreements (SLAs) and Service Contracts

Standard Information Technology Service Management dictates that a service level agreement for every service offered be provided for by the service provider and managed by the client.

- a) There shall be a minimum of 3 years warranty on all hardware provided and there after an service level agreements with support escalation matrices for the service providers, case resolution times and credits for the client in cases of total outages of the systems over a specified period of time.

18) Project Work Plan

Bidders are required to develop a work plan for each of the category proposed.



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Section 7: Deliverables

LOT 1	1	Supply, and Upgrade of servers	<ul style="list-style-type: none"> • <u>Supply of new server (As per specification)</u> • <u>Upgrade of existing Memory and Processor</u> • <u>Supply of server power unit</u> • <u>HBA</u> • <u>Monitoring Laptop</u> • <u>SLA</u> • <u>Documentation</u> • <u>Authorized partners</u>
	2	Server Virtualization	<ul style="list-style-type: none"> • <u>Licences (virtualization)</u> • <u>SLA</u> • <u>Design document</u> • <u>documentation</u> • <u>Installation, configuration and migration</u> • <u>Hardware status (CPU, storage disks and power unit)</u> • <u>Training</u> • <u>Authorized partners</u>
	3	Storage Setup and Configuration	<ul style="list-style-type: none"> • <u>Installation, configuration and migration</u> • <u>Training</u> • <u>Hardware status (CPU, storage disks and power unit)</u> • <u>SLA</u> • <u>Design document</u> • <u>Documentation</u> • <u>Authorized HP Gold partners</u>
	4	Active Directory Setup and Migration of Application	<ul style="list-style-type: none"> • <u>Installation, configuration and migration</u> • <u>SLA</u> • <u>Design document</u> • <u>Documentation</u> • <u>Training</u>
	5	Microsoft Windows and SQL Server Licensing	<ul style="list-style-type: none"> • <u>Licence features</u> • <u>Authorized partners</u>
	6	Antivirus	<ul style="list-style-type: none"> • <u>Supply, Installation, configuration and subscription.</u> • <u>Documentation</u> • <u>Subscription</u>



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			<ul style="list-style-type: none"> • <u>Training</u> • <u>Authorized partners</u>
	7	Data center Monitoring tool	<ul style="list-style-type: none"> • <u>Supply, Installation, configuration and subscription.</u> • <u>Documentation</u> • <u>Training</u> • <u>Supply and installation of Display</u>
	8	Data Backup Solution	<ul style="list-style-type: none"> • <u>Device</u> • <u>Supply, Installation, configuration</u> • <u>SLA</u> • <u>Design document</u> • <u>Training</u> • <u>Documentation</u> • <u>Authorized partners</u>
LOT 2	9	Firewall Appliance	<ul style="list-style-type: none"> • <u>Device</u> • <u>Supply, Installation and configuration</u> • <u>Training</u> • <u>Documentation</u> • <u>Design document</u>
LOT 3	10	Internet connection	<ul style="list-style-type: none"> • <u>Dedicated 30mbps fiber link</u>
LOT 4	11	Design and restructuring of the Datacenter Cabling	<ul style="list-style-type: none"> • <u>Gigabit cat 6 cabling</u> • <u>Labelling</u> • <u>Cable trays installed</u> • <u>Supply and installation Cisco 4500 series</u> • <u>Design document</u> • <u>SLA</u>
	12	Structural Improvement of data center	<ul style="list-style-type: none"> • <u>Floor panels, steel door, biometric</u> • <u>Service fire suppression and SLA</u>
	13	CCTV Surveillance	<ul style="list-style-type: none"> • <u>Supply, installation and configuration</u> • <u>Devices</u> • <u>IP PoE Full HD cameras</u> • <u>Design document</u> • <u>Training</u> • <u>Documentation</u> • <u>SLA</u>
	14	Implementation of temperature management and monitoring	<ul style="list-style-type: none"> • <u>Supply and installation of new AC</u> • <u>Servicing existing ACs</u> • <u>Heat sensors and alerts</u>



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			<ul style="list-style-type: none"> • <u>Raising Outdoor units</u> • <u>SLA</u>
LOT 5	15	Review, Design and implementation of power management	<ul style="list-style-type: none"> • <u>Batteries</u> • <u>Generator</u> • <u>Design document</u> • <u>UPS</u> • <u>KPLC Mains (3 phase power)</u> • <u>Documentation</u> • <u>Training</u> • <u>SLA</u>
Applicable to ALL LOT's	16	Training and Documentation	
	17	Service Level Agreements (SLAs) and service contracts	
	18	Project Work plan	

Section 8: Evaluation Criteria

MANDATORY REQUIREMENTS		MAX SCORE	SCORE	COMMENT/REMARKS
1.	Copy of the companies/ organization certificate of incorporation	1 OR 0		
2.	Copy of current, valid Tax compliance and PIN certificate	1 OR 0		
3.	Brief history about the company/ organization	1 OR 0		
4.	Duly Certified Audited accounts and documents on bank credit line for the past three years (2016, 2017 and 2018).	1 OR 0		
5.	Must submit certified bank statements for the most recent 12 months (July 2018 – June 2019)	1 OR 0		
6.	Job references for similar assignments your company has undertaken for institutions within or outside Kenya within the last three years (attach LPOs, appointment letters/contracts for the consultancies).	1 OR 0		
7.	Copies of relevant government registration license.	1 OR 0		
8.	Site visit attendance form signed by MOH-Afya House ICT designated staff	1 OR 0		
9..	Proof of payment of the tender document – Receipt from the bank	1 OR 0		



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10.	Proof of at least 2 staff certified in the specific LOT bided for.	1 OR 0		
11.	Must provide manufacturer's/ dealer / Distributor certificate or proof of partnership.	1 OR 0		
12.	All pages must be sequentially paginated except the Security Document.	1 OR 0		
	TOTAL SCORE (RESPONSIVE OR NON-RESPONSIVE)	12 mks		

Note: Bids missing any of the above mandatory requirements will be considered as non-responsive bid and therefore will be eliminated at this stage.

TECHNICAL REQUIREMENTS			
QUALIFICATIONS/EXPERIENCE		SCORE	COMMENT/REMARKS
1	Consulting firms bidding for this project should have Five (5) years in the field category capacity of having implemented similar project (job references) (max 20mks)		
2	Qualification and experience of Consulting firm Personnel: The consulting firms bidding for this project should have personnel with the following qualifications and experience with CVs provided as part of the EOI. (max 5mk)		
3	Design and proposed solution of Works for the specific LOT bided for. (max 20mks)		
4	Training program and skill transfer (max 5mk)		
5	Project Plan A work plan and project approach to undertake the works (max 10mk)		
	TOTAL	60 Marks	

Note: Bidders who score below 70% in the Technical requirement will be considered as non-response and therefore will be eliminated at this stage



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Section 9: Submission Guidelines

Application forms and guidelines are available in the following website: <https://amref.org/expression-of-interest-eoi/>. Proposals should be enclosed in a plain envelop marked

“AMREF/21/08/2019/002/DATA HEALTH CENTER INFRASTRUCTURE UPGRADE”.

and deposited in the tender box at Amref Health Africa, Kenya Country Office, next to the main reception so as to be received on or before **28th August 2019 at/or before 12:00 hours East African time.** Electronic bidding will not be permitted. Application should **NOT** be submitted to any other contact except to the address provided:

**Group Chief Finance Officer,
Amref Health Africa in Kenya, Wilson Airport, Lang’ata Road
P.O. BOX 30125 - 00100
Nairobi, Kenya.**

In case of any questions, send an Email to: tender.queries@amref.org not later than 3 days after the date of this advertisement.

Amref Health Africa reserves the right to accept or reject any or all bids and is not bound to give reasons for its decision.



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ANNEX 1

BIDDERS SITE VISIT FORM

NAME OF BIDDER:

DATE OF VISIT:

PHYSICAL ADDRESS OF BIDDER:

.....
.....

OFFICE TEL. No.

EMAIL:

CONTACT PERSON:

MOBILE:

COMMENTS:

.....
.....
.....
.....
.....

SIGNATURE:

STAMP:

MOH CONTACT PERSON:

NAME:.....

POSITION:.....

MOBILE:

SIGNATURE:

STAMP: