



MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY

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P. O. Box 190 – 50100
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Kenya

A NOTICE FOR REQUEST FOR EXPRESSION OF INTEREST (REOI) TO CARRY OUT NETWORK AUDIT

TENDER NO: MMUST/007/ICT/2021-2022

CLIENT:

THE VICE CHANCELLOR,
MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY,
P. O BOX 190 – 50 100,
KAKAMEGA

CLOSING DATE: WEDNESDAY 11TH AUGUST, 2021

(A) A NOTICE FOR REQUEST FOR EXPRESSIONS OF INTEREST (REOI) FOR CONSULTANCY SERVICES FOR NETWORK AUDIT

NAME OF PROCURING ENTITY: - Masinde Muliro University of Science & Technology

Assignment or Contract Title: Provision for consultancy Services for Network Audit

Reference No. : MMUST/007/ICT/2021 -2022

- 1) The **Masinde Muliro University of Science & Technology** intends to shortlist consultants to Carry out a Network Audit as indicated in the Terms of Reference
2. The Masinde Muliro University of Science & Technology now invites eligible consulting firms (“Consultants”) to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services. The shortlisting criteria on required qualifications and experience of the firm are:
 - i) Experience in the assignment, including technical and managerial capability of the firm.
 - ii) Number of years in business working on the area of the assignment.
 - iii) Reference to at least three assignments of similar nature and size carried out in the last **Five (5)** years . Include persons or institutions and contact addresses (*phone, email*) who can be contacted on the same.

Qualifications and Experience of Key Experts shall not be included in the short listing criteria. Key Experts will not be evaluated at the shortlisting stage.

3. The attention of interested Consultants is drawn to the following provisions that will be highlighted in the Request for Proposals to be issued to shortlisted firms.
 - i) The Consultant will be expected to have no conflict of interest with other assignments or its own corporate interests and acting without any consideration for future work.
 - ii) The consultant has no personal or business relationship with the Procuring Entity's senior management or professional staff.
 - iii) A firm or an individual in the firm has not been sanctioned by the Public Procurement Regulatory Authority or are under a suspension or a debarment imposed by any other entity of the Government of Kenya, or any international organization.

- iv) Government-owned enterprises or institutions of Kenya
Government, officials and civil servants and employees of public institutions may not eligible.

- 4. Consultants may associate with other firms to enhance their qualifications, but should indicate clearly whether the association is in the form of a joint venture and/or a sub-consultancy. In the case of a joint venture, all the partners in the joint venture shall be jointly and severally liable for the entire contract, if selected.

- 5. A Consultant will be selected in accordance with the Quality and Cost Based Selection (QCBS) method set out in the Act and Regulations.

- 6. Further information can be obtained at the address below during office hours **(8:00 am – 5.00 pm)**
Procurement Office
Masinde Muliro University of Science & Technology
P.O. Box 190 – 50100
Kakamega
Kakamega – Webuye Road
Telephone No: 0702 597360 / 057 2505222
Email: procurementofficer@mmust.ac.ke

- 7. Expressions of interest must be delivered in a written form to the address below (in person, or by postal mail, or by e-mail) **by 11th August, 2021 before close of business.**

(B) TERMS OF REFERENCE FOR NETWORK AUDIT SERVICES IN MASINDE MULIRO UNIVESIRTY OF SCIENCE AND TECHNOLOGY.

Over the past years the university has experienced unstable network both wired and wireless. The university is inviting eligible bidders to carry out network audit and design.

The specific objective of this exercise are as follows

- I. To establish factors contributing to slow networks at MMUST
- II. To propose sustainable solution both wired and wireless connectivity
- III. To propose network security measures
- IV. To develop specifications for network upgrades

Introduction

Masinde Muliro University of Science and Technology network requires network expansion mainly due to growth in the number of students and staff. The University thus seeks to implement a campus fiber backbone infrastructure to connect various buildings within the university and to logically implement VLANs to segment the network. This aims at providing users with a robust and reliable campus network as well as a good experience while accessing internet services.

Problem Statement

Masinde Muliro University of Science and Technology (MMUST) currently does not have a good campus fiber backbone infrastructure in place. The buildings within MMUST do not have proper structured network and the WiFi coverage is also limited. In addition, the university has insufficient internet bandwidth making faster access to online resources a major challenge.

Terms of Reference

Masinde Muliro University of science and Technology seeks consultancy services of a Cyber security and Network Infrastructure firm. The scope of the consulting firm will involve two Phases, phase I and II.

Phase I will involve site survey and documentation of findings, and proposed solutions with itemized listing of all equipment to be used with their approximate costs in the following scope

- University wide fiber backbone infrastructure
- Structured network of all university buildings
- IP telephony