

# KENYA MARINE AND FISHERIES RESEARCH INSTITUTE

TEL: +254 020 8021560/1, 0712003853,  
0770244932; FAX: +254 020 2353226E-  
mail: director@kmfri.co.ke

When replying please quote  
KMF/HQs/TENDER/45/2018-2019/VOL.I/  
If calling or telephoning ask  
for: Mr. Nyaundi J.  
Please address your reply to DIRECTOR



HEADQUARTERS  
P.O. Box 81651  
MOMBASA  
KENYA

**11<sup>TH</sup> DECEMBER 2018**

TO ALL TENDERERS FOR  
PROPOSED ACCESS CONTROL SYSTEM TO MOSC 4<sup>TH</sup> FLOOR – MOMBASA HEADQUARTER

REF: TENDER NO. KMF/HQS/45/2018-2019: FOR PROCUREMENT OF PROPOSED  
ACCESS CONTROL SYSTEM TO MOSC 4<sup>TH</sup> FLOOR – MOMBASA

---

## **ADDENDUM/CLARIFICATION NO. 1**

Reference is hereby made to the above mentioned TENDER NOTICE which featured in the Standard Newspapers dated 4<sup>th</sup> December 2018 and on KMFRI official Website respectively.

This is to inform you all the participating bidders that disregard the earlier Technical Specification in **pages 32-36** of the bid document, the client – KMFRI wishes to provide new Technical Specifications/clarifications as shown in page two to six of this Addendum.

Kindly take into consideration as the said clarifications herein supersedes the earlier specifications and therefore become part and parcel of this tender. You are further advised to disregard the earlier specifications and replace the same with this one on **page 2 to 6 of this clarification.**

The TENDER CLOSING/SUBMISSION date and time remain the same **Wednesday, 19<sup>th</sup> December, 2018 at 12.00 noon.**

A handwritten signature in blue ink, appearing to read 'Jared Nyaundi', is written over a horizontal line.

Mr. Jared Nyaundi  
**FOR: DIRECTOR/KMFRI**

---

**Request for Proposal**

**Access Control System to MOSC 4th Floor – Mombasa, Headquarters**

**Scope of work**

KMFRI intends to **procure an integrated solution** that will provide a detailed and comprehensive physical security access to Executive offices based on 4th floor MOSC building at the KMFRI Headquarters in Mombasa. The vendor is to consult with KMFRI to understand and analyse aspects of internal and perimeter security posture of the premises.

The Physical security solution must include the following:

Section	Detailed scope
<b>Scope Area 1: Directors office</b>	
	<p>Provision of Three access-controlled doors leading to director’s office                      indoor fingerprint-based biometric access control unit with smart-card support                      Small footprint ideally suited to corporate environments</p> <p><b>Technical specifications</b></p> <ul style="list-style-type: none"> <li>• 5000:1 High-speed Matching</li> <li>• Dichroic LED for visual feedback</li> <li>• Ethernet (10/100 DHCP)</li> <li>• Fully-configurable Wiegand Outputs</li> <li>• Full offline feature support</li> <li>• certified FIPS 201 / PIV</li> <li>• Smartcard Verification</li> <li>• (HiD iClass SE Module)</li> <li>• iCLASS Seos, iCLASS SE,</li> <li>• Standard iCLASS, FeliCa™ MIFARE®</li> <li>• Classic and MIFARE DESFire® EV1</li> <li>• Provision of bypass lock incase of emergency</li> <li>• Centrally controlled and monitored</li> <li>• Integrated with Video management analytics software</li> </ul> <p><b>Enrolments Module Specifications</b>                      Biometric Standards INCITS 378-2004                      FIPS201, FBIPIV &amp; MobileID FAP20                      ISO/IEC 19794-2, 9794-4</p> <ul style="list-style-type: none"> <li>• Auto-On™ automatically detects the presence of a finger when placed on the reader for quick and easy authentication</li> </ul>

Section	Detailed scope
	<ul style="list-style-type: none"> <li>• Smart Capture™ captures high quality fingerprints from dry, moist, aged, scarred and difficult-to-scan fingers for greater accuracy and reliability</li> <li>• High durability and ruggedness with proven resistance to electrostatic shock, impact, drops, scratches, extreme temperatures, humidity, and contaminants such as sweat, dirt, and oil</li> <li>• Patented optical technologies for clear, accurate imaging with high contrast, high signal-to-noise ratio and low distortion</li> <li>• Reliable performance even under challenging conditions and tough environments</li> <li>• Rejection of false fingerprints such as latent prints and 2-D Images</li> <li>• Fingerprint data protection with templates that cannot be used to reconstruct fingerprint images</li> <li>• Greater sensor-to-sensor consistency for high accuracy when matching fingerprints enrolled with different fingerprint readers at different locations</li> </ul> <p><b>Controllers</b> Fully supervised one-door model with integrated, secure network communication</p> <ul style="list-style-type: none"> <li>• Scalable from a single controller to networked multi-site installations</li> <li>• Connectivity to OSDP (RS-485) or Wiegand readers standard</li> <li>• Auxiliary input and relay</li> <li>• Wet or dry relay hardware setting</li> <li>• Multi-microprocessor architecture</li> <li>• Power over Ethernet Plus (PoE+) at the edge</li> <li>• Built-in protection from door strikes and mag locks that generate large inrush current demand during power-up and large induced current demand during power-down</li> </ul>

<b>Scope Area 3 : Integrated software Managing Access control</b>	
	KMFRI is looking for an integrated security management software platform that manages access control, CCTV surveillance operations at multiple different facilities,

from single high secure rooms to multi-building, multilocation campuses.

**Technical Specifications**

- Control doors, gates, turnstiles, elevators, and other building equipment, monitor users as they move around a facility, prevent unwanted access, maintain compliance, and provide a robust audit trail.
- A comprehensive enrollment tool for managing individuals, groups, and their credentials
- Web Services Client that allows administrators and operators to access real-time system information, enrollment, and control functionality through a compatible browser on almost any device
- Monitor and acknowledge active system alarms, such as Forced Entry, DOTL (door open too long), and many more
- Associate doors with cameras, view video with the built-in video viewer, launch from active alarm, graphics module, or the viewer
- Provide a visual interface for door status, alarms, and links to video feeds
- Track the direction, color, speed, shape, and size of objects (people, cars, packages, etc.) moving through the camera's field of view.
- Search through stored video based on object attributes.
- Configure the system to automatically alert you when an item of interest is captured by an object tracking camera.

## **Responsibilities of the parties**

### **Vendor Responsibilities and Requirements**

At a minimum the vendor should provide the following:

- Sign a Non-Disclosure Agreement with KMFRI
- Use ethical methods for fulfilment of this project.
- Provide certified personnel with a minimum of a CISSP certification to provide the project.
- Provide CVs of at least 3 individuals likely to be placed on the KMFRI assignment
- Provide a process on how customer documentation is handled within the vendor environment. This is to ensure that the confidentiality of KMFRI documentation is contained within a need to know basis.

### **KMFRI Responsibilities and Requirements**

At a minimum KMFRI will provide the following:

- A Non-Disclosure document to be signed by all vendors participating in the RFP
- Information required for vendors to provide adequate responses to this RFP
- KMFRI will facilitate access to the premises where tasks will be performed to the successful bidder.
- KMFRI will provide information required by the vendor to enable the vendor to complete the project.
- KMFRI shall assign a focal point who will be the interface between KMFRI and the vendor team

## **Vendor Project Criteria**

### **Mandatory Vendor Evaluation**

This is a Yes/No (Pass/Fail) evaluation table. Vendors must be able to meet ALL the requirements. Failure to meet one or more of the mandatory requirements will result in the disqualification of the bidder.

- The columns headed KMFRI Remarks are for official use only.
- The column headed Explanation is meant for any additional explanation that the bidder may have to justify the response given.
- The column headed Reference is for indicating the location in the proposal where the supporting documents are provided.
- All supporting documents are to be submitted, failure to submit will result in the vendor being disqualified.

#	Mandatory Technical Evaluation	Vendor Response	Proof Submitted	Explanation	KMFRI Remarks
<b>1</b>	<b>Criteria of the Vendor</b>				
1.1	Vendor must be a registered on the KMFRI database	YES/NO	YES/NO		
<b>2</b>	<b>Vendor Track Record</b>				
2.1	Vendor must have successfully completed at least two similar projects between 2016 and 2018	YES/NO	YES/NO		

### Technical Vendor Evaluation

The technical evaluation matrix given below will be used to evaluate the vendor's submission.

- To be successful a bidder must score a full 60 points in the evaluation
- Should there be no bidder that scores 60 points the evaluation will be at the discretion of KMFRI

.#	Evaluation Criteria	Maximum Point	Points Awarded
<b>1</b>	<b>Company Experience</b>		
1.1	Minimum of 1 year of experience	2	
1.2	More than 1 year and less than 4 years	5	
1.3	4 year or more	10	
<b>2</b>	<b>Number of network/physical security projects conducted</b>		
2.1	2 physical security projects per year	5	
2.2	More than 2 physical security projects per year	10	
<b>3</b>	<b>Number of certified personnel in the working team</b>		
3.1	Minimum of 1 CISSP certified engineer	5	
3.2	More than 2 CISSP certified engineers	10	
<b>4</b>	<b>Mobilization time from date of award</b>		
4.1	Minimum of three weeks	10	
4.2	More than three weeks	5	
<b>5</b>	<b>Time Required to complete full project</b>		
5.1	1 month or less	10	
5.2	More than 1 month but less than 3 months	5	
5.3	More than 3 months	2	
<b>6</b>	<b>Samples included with proposal</b>		
6.1	Vendor has provided samples of technical documentation that would used for reporting	10	
6.2	The vendor has not submitted any sample reporting documentation.	0	
<b>Total Number of Point</b>		<b>60</b>	