

## Corrigendum - 2

### Amendment Request for Proposal (RFP) for the Purchase of Biometric Attendance Devices, PoE Switch, and Exit Devices

**Tender ID:** KFON/IT/24-25/0024

**Date:**09-08-204

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#### 1. Introduction

The Kerala Fibre Optic Network (KFON) invites proposals from qualified vendors for the supply, installation, configuration, and commissioning of biometric attendance devices with fingerprint and card access features, a 24-port unmanaged PoE switch, and exit devices based on specified features. The system must include a web portal/software for report generation and employee management.

#### 2. Project Overview

##### Objective:

To procure and implement a biometric attendance control system to enhance security and streamline attendance management at KFON Head Office. This includes a 24-port unmanaged PoE switch and exit devices.

##### Scope of Work:

- Supply four (4) biometric attendance devices with fingerprint and card access.
- Supply four (4) exit devices based on specified features.
- Supply one (1) 24-port unmanaged PoE switch.
- Install, configure, and commission the equipment at designated locations.
- Develop and integrate a web portal for report generation, employee management, and CRUD operations.
- Install a double-leaf EM lock for the front door and single-leaf EM locks for three other doors, including the server room.

#### 3. Technical Specifications

##### Biometric Access Devices:

- **Features:** Fingerprint and card access, high accuracy, fast response time, robust build, real-time data transmission, PoE support.
- **Specifications:** Minimum 3,000 fingerprint templates, 5,000 cards, 30,000 logs; TCP/IP, RS232/485, USB-host, Built-in Wi-Fi; 500 DPI optical sensor; <0.5 seconds verification speed; 3rd party electric lock, door sensor, exit button, alarm, and doorbell interface; 2.4-inch TFT color screen; 12V DC, PoE.
- **Additional Information:** Initially, 100 cards are required. Additional cards will be procured on a request basis.

##### 24-Port Unmanaged PoE Switch:

- **Features:** 24 Ethernet ports with PoE support, IEEE 802.3af/at compliance, plug-and-play installation, adequate power budget, durable design.

**Exit Devices:**

- **Features:** Compatible with the biometric system, high accuracy, robust and durable build.
- **Specifications:** Optical sensor, RS485 communication, PoE support, integrated with the access control system, HID card reader.

**Electromagnetic Locks:**

- **Front Door:** Double-leaf EM (Electromagnetic) lock.
- **Other Three Doors (including server room):** Single-leaf EM locks.
- **Emergency & Guest Entry/Exit:** Three push buttons for emergency and guest entry/exit.

**Web Portal/Software:**

- **Features:** Secure login, role-based access control, real-time monitoring and reporting, attendance report generation, employee management, data synchronization, user-friendly interface.

**4. Deliverables**

- Four (4) biometric access devices.
- Four (4) exit devices with specified features.
- One (1) 24-port unmanaged PoE switch.
- Installed and configured devices, switch, and exit devices at KFON Head Office.
- Double-leaf EM lock for the front door.
- Single-leaf EM locks for three doors, including the server room.
- Push button for emergency use.
- Fully functional web portal/software.
- User manuals and training.

**5. Vendor Qualifications**

- Proven experience in biometric access control systems.
- Ability to provide ongoing technical support and maintenance.

**6. Proposal Requirements****Technical Proposal:**

- Detailed description of the proposed solution.
- Technical specifications of biometric devices, exit devices, PoE switch, and EM locks.

**Financial Proposal:**

- Itemized pricing for devices, PoE switch, EM locks, installation, and commissioning.
- Maintenance and support costs.
- Payment terms.

**Additional Information:**

- Warranty details (minimum 3 years for biometric devices; 1 year for PoE switch).
- Post-implementation support.

**7. Evaluation Criteria**

- Compliance with technical specifications.
- Quality and functionality of the proposed solution.
- Cost-effectiveness.
- Post-implementation support and maintenance services.

**8. Submission Guidelines****Bid Submission Details:**

Submit the tender via email to [am.it@kfon.in](mailto:am.it@kfon.in) with the subject: "**Tender for the Implementation of Biometric Access Solution at KFON HO**".

**Submission Deadline:** August 17, 2024, by 4:00 PM.

**Location (Billing & ShippingAddress):**

Kerala Fibre Optic Network Limited,  
Second Floor, B Block, Divisional Office, Jeevan Prakash, Pattom,  
Thiruvananthapuram, Pin-695004.  
GST: 32AAHCK2529G1ZS

**9. Contact Information**

For any queries or further information, please contact:  
Assistant Manager (System Admin cum Network Engineer)  
**Phone:** 0471-6630830

We look forward to receiving your proposals and collaborating to enhance our office security and attendance management systems.