



Corrigendum-1.1

RFP Document for  
Supply, Installation and Commissioning With Five years support Of  
Biometric System for Attendance At The Corporate Office and Project  
Offices of GMDC

RFP Number GMDC/IT/BAM/02-1/2024-25

Specification change table in response to Queries

Publishing date: 19-11-2024

[Last Date for Bid Submission: 29-11-2024]

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SrNo	Existing Clause		Amended Clause	
01	Last date of submission of Price bid through online	19/11/2024 up to 18.00 Hours	Last date of submission of Price bid through online	29/11/2024 up to 18.00 Hours
02	Last date of submission of physical documents i.e. EMD, RFP Fee, Technical Bid etc.	19/11/2024 up to 18.00 Hours at Corporate Office, GMDC Ahmedabad	Last date of submission of physical documents i.e. EMD, RFP Fee, Technical Bid etc.	29/11/2024 up to 18.00 Hours at Corporate Office, GMDC Ahmedabad
03	Date for online opening of preliminary bid.	19/11/2024 at 11.00 Hours	Date for online opening of preliminary bid.	30/11/2024 at 11.00 Hours

#### Updated Price Bid

Sl. No.	Item	Qty	Rate	Total amount
1	Application Software Bidder to consider 2500 user license (if any required) in software cost for Attendance and Access Control.	01		
2	Face recognition Attendance / Access Control (non - GPRS)	65		
3	Face recognition Attendance / Access Control (GPRS ready)	01		
4	Door Lock and other Accessories for Access Control Units	08		
5	Turnstile units with installation (with required accessories)	01		
6	UHF based RFID fixed controller with long distance antenna	02		
7	Mifare Contactless Card	200		
8	RFID Tags	200		
9	Support cost for 4 years.	01		
10	Per user rate (Above 2500)	01		
11	Mobile and GPS based Application (Android and iOS) based	01		

#### Details of specifications changed/clarification

Sr No	Existing Specification / Clause / T&C	Added /Revised Specifications / Clause / T&C
01	NA	Bidder to consider 2500 user license (if any required) in software cost for Attendance and Access Control.
02	Operating System for Software	GMDC will be providing the infrastructure on OCI in Oracle Linux. GMDC is currently using Oracle DB, successful bidder has to use the same DB. If Proposed software is not compatible with Oracle Linux DB, then Bidders should include cost of required OS and DB licence with required OEM support for hosting on OCI. OCI infra without any license cost will be provided by GMDC. Providing the OS License, OEM support or any additional software/ license during the contract period will be in the scope of successful bidder.
03	VAPT	During Cyber Security assessment i.e. VAPT, by GMDC or any agency appointed by GMDC, if any update / patches / fixes are required to be applied then it will be in the scope of successful bidder. It includes Software, hardware and Mobile App also

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## Mobile Based Application Specification

### 1. User Authentication and Authorization

- Login/Signup: Users should have secure authentication (username/password, social login, or biometric options).
- Role-based Access: Different access levels (e.g., Admin, Teacher/Manager, Student/Employee) to control permissions.

### 2. Real-time Attendance Marking

- QR Code Scanning: Users can scan a QR code to mark attendance in real-time, making the process quick and efficient.
- Geo-fencing/Location-based Check-in: Attendance can be marked only when the user is within a specific location, ensuring accurate tracking.
- Biometric Authentication: Use of fingerprint or facial recognition for secure and accurate attendance marking.

### 3. Attendance Dashboard

- Real-time Data Overview: Both users and administrators can view daily, weekly, and monthly attendance reports.
- Statistics and Analytics: Display attendance trends, absent/late rates, and more in visual formats (charts, graphs).

### 4. Push Notifications and Alerts

- Reminders: Send notifications to remind users to mark attendance or inform them of absences.
- Absence Alerts: Notify users and administrators about absenteeism or tardiness.
- Policy Violations: Alert if attendance policies are being violated (e.g., too many absences).

### 5. Employee Self Service

- Leave Request: Users can submit leave requests directly through the app, and admins can approve or deny them.
- Leave Balance: Show users their available leave balance and usage history.
- Leave History: Allow both users and administrators to track the history of leave requests.

### 6. Attendance History and Reports

- Downloadable Reports: Admins and users should be able to download detailed attendance reports in PDF or Excel format.
- Historical Data: Access attendance records for specific dates or periods for transparency and record-keeping.

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#### 7. Offline Functionality

- **Offline Data Storage:** Ensure the app works offline, with data syncing to the cloud when the device is back online.
- **Syncing Data:** The app should sync attendance data when there's an internet connection available, ensuring accurate records.

#### 8. Data Security

- **Encryption:** Ensure that user data, including attendance records, is encrypted both in transit and at rest.
- **Compliance:** Adhere to relevant data protection regulations (e.g., GDPR) to ensure the privacy and security of user information.

#### 9. Admin Panel / Management Interface

- **Role-based Dashboard:** Admins and managers should have a full dashboard to manage attendance settings, view all attendance records, and run reports.
- **Attendance Configuration:** Admins can configure attendance rules (e.g., late thresholds, work hours) and customize policies.
- **Notifications Management:** Admins can customize the notifications users receive, like reminders or absence warnings.

#### 10. Multi-device Support

- **Cross-platform Availability:** The app should be available on both Android and iOS platforms and offer a web interface for admin access.
- **Multi-device Sync:** Ensure data is synced across all devices used by the user or administrator.

#### 11. Support

- **APIs for Integration:** Provide APIs for integrating with GMDC ERP systems on OCI Oracle Linux
- The ESS software will be integrated with GMDC's Active Directory.
- The mobile application should support the features as proposed for ESS portal for attendance and access control.