



मलंगवा नगरपालिका

नगर कार्यपालिकाको कार्यालय



प. सं. : २०८२/०८३

च. नं. : १२३८



मिति: २०८३/०१/३०

श्री सबै सुचीकृत फर्म/सप्लायर्स/ट्रेडर्स/कम्पनी

विषय- E-Attendance Fingerprint Device को दरभाउँ उपलब्ध गराईदिने सम्बन्धमा ।

उपरोक्त सम्बन्धमा यस कार्यालय तथा मातहतका कार्यालयहरूमा कर्मचारीहरूको विद्युतीय हाजिर गर्न E-Attendance Fingerprint Device खरिद गर्नुपर्ने भएकोले तपसिल बमोजिम Specification अनुसारको प्रति एक थान Device को बजार दरभाउँ ७ (सात) दिनभित्र उपलब्ध गराईदिन हुन अनुरोध छ ।

तपसिल:

क्र.सं.	विवरण	स्पेसिफिकेशन
1	➤ Basic Features	<ul style="list-style-type: none">• Authentication Method: Fingerprint (primary), optional RFID card / PIN / Face• Verification Speed: ≤ 1 second• Accuracy: Very high (biometric-based, prevents proxy attendance)• Display: 2.4" – 4.3" TFT/LCD screen• User Interface: Keypad / Touch / GUI menu
2	➤ Capacity	<ul style="list-style-type: none">• User Capacity: 500 – 5,000+ users• Fingerprint Capacity: 500 – 3,000+ fingerprints• Transaction (Log) Capacity: Up to 100,000 records• Card Capacity (Optional): 500 – 10,000
3	➤ Hardware Specification	<ul style="list-style-type: none">• Sensor Type: Optical fingerprint sensor (500 DPI typical)• Processor: High-speed embedded processor• Memory: Internal flash memory• Screen: Color TFT display• Keypad: Numeric or touch keypad
4	➤ Connectivity Options	<ul style="list-style-type: none">• TCP/IP (LAN)• USB (Pen drive / data transfer)• Wi-Fi (Optional)• RS232 / RS485 (optional)
5	➤ Software & Functions	<ul style="list-style-type: none">• Attendance management software (PC / Cloud based)• Employee database management• Report generation (daily, monthly, payroll)• Real-time monitoring & export (Excel, PDF)• Self-service query (employee check-in/out)• SMS / alert notifications (advanced models)

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6	<p>➤ Access Control Features (Optional)</p>	<ul style="list-style-type: none"> • Door lock control • Exit button integration • Alarm system • Time-based access control
7	<p>➤ Power & Backup</p>	<ul style="list-style-type: none"> • Power Supply: DC 12V • Battery Backup: 2-4 hours (model dependent)
8	<p>➤ Environmental Conditions</p>	<ul style="list-style-type: none"> • Operating Temperature: 0°C – 45°C • Humidity: 20% – 80%
9	<p>➤ Additional Features</p>	<ul style="list-style-type: none"> • Multi-language support • Scheduled bell / shift timing • Auto status switch (IN/OUT) • T9 input keypad • Photo ID display (advanced models)
10	<p>➤ Working Principle</p>	<ul style="list-style-type: none"> • User places finger on scanner • Device captures fingerprint image • Converts to digital template • Matches with stored database • Records attendance automatically

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