



Yogoda Satsanga Mahavidyalaya

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(NAAC Accredited, Grade: B++, CGPA:2.89)

Affiliated to Ranchi University & registered under 2 (F) & 12 (B) of UGC Act

YSM/ 222 /2025

Date: 23 / 08 /2025

Notice for inviting Quotations for supply of the Biometric Attendance System

SL. No.	Name of the Items	Specifications	Quantity	Rate in Rs.	GST amount (as and where applicable) in Rs.	Total amount
1	Essl - Biometric Attendance System	1) Multifactor options include Face, Fingerprint , card . 2) Operation system - Linux. 3) Transaction capacity 150000, expandable to 200000 logs. 4) access control- 3rd party electric lock , Door Sensor, Exit Button, Alarm Output etc. 5) Software Support- E time Tracklite. THE DETAILS FEATURES ARE ATTACHED IN THE SEPARATE SHEET	3			
2	Other Accessories	As needed				

General terms and conditions

- 1 The quoted rate will be valid for a period of one year from the date of acceptance or till re fixation is considered
- 2 The quotation should be submitted in a sealed cover (Seperately Technical and Financial where applicable)
- 3 Quotationers should submit acknowledgement from Authorised service center (where applicable)
- 4 Any direct or indirect canvassing by any quotationers will be result in disqualification of the selected quotationer (S)
- 5 Each and every pages must be signed by the quotationers including blank / back pages
- 6 The vendor should take all responsibilities for delivering the items

Angati Kalsu
23/8/25

Principal

Principal

Yogoda Satsanga Mahavidyalaya
Jagannathpur, Dhurwa, Ranchi-4

Biometric Attendance System

Descriptions:

Feature	Description
Authentication Methods	Multi-factor options include Face, Fingerprint, RFID Card, and Password
Facial Recognition	Deep learning Visible Light Facial Recognition with anti-spoofing against printed photos, videos, and 3D masks
Face Capacity	3,000
Palm Capacity	1,500 (Optional)
Card Capacity	3,000
Card Compatibility	Supports $\geq 125\text{KHz}$ EM cards
User Capacity	Supports thousands of users
Transactions / Transaction Capacity	150,000 (standard), expandable to 200,000 logs
Identification Speed	≤ 2 second support
Operation System	Linux
Hardware	Dual-Core CPU (900MHz), 512MB RAM / 8GB ROM, 2MP WDR Low Light Camera, Adjustable Light Brightness LED
Communication	TCP/IP, Wi-Fi (Optional), Wiegand Input/Output, RS485
Access Control Interface	3rd Party Electric Lock, Door Sensor, Exit Button, Alarm Output, Auxiliary Input
Key Functions	ID Card, ADMS (Attendance Management System), T9 Input, DST, Camera, Auto Status Switch, 9-digit User ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verify Modes
Biometrics Algorithms	Face VX5.8 / Palm VX12.0
Anti-Spoofing	Advanced algorithms prevent fraudulent access using photos, videos, or 3D masks
Power Supply	12V 3A
Working Humidity	10%–90%
Working Temperature	$-10^{\circ}\text{C} \sim 45^{\circ}\text{C}$
Ingress Protection (on some models)	IP65-rated for dust and water resistance (indoor & outdoor use)
Dimensions (WHD)	91.93 × 202.93 × 21.5 mm
Software Support	eTimeTracklite (Time & Attendance Management Software)

Asim
23/08/20