LAL BABA COLLEGE

B+ NAAC ACCREDITED COLLEGE
(Affiliated to the University of Calcutta)
ESTD. - 1964

117, Grand Trunk Road,
Belur Math, Howrah
Phone : 2654-6289

Ref..................................

Date.........24 : 3 : 2017

Tender Notice for Biometric Attendance Device including Installation & Incorporation to College Computer

Notification No. Ex-329/Tender/Biometric/17-18 dtd. 24.3.17.

Quotations are invited under sealed cover from responsible vendor(s)/supplier(s) for supplying the following Equipment or parts and materials for Biometric Attendance Device, installation, incorporate to computer of our College. The Said Quotations should be submitted within 12/4/17 by 12-30 p.m. from the date of publication of this tender Notice at our College website.

The Vendor(s)/ Supplier(s) will have to drop their valid quotations in the College drop box at the Principal's Chamber within the stipulated date & time. Interested Vendor(s)/ Supplier(s) are asked to mention the total Cost of the device including installation, connection in the Computer and maintenance of the system for one year etc. Quotations are to be submitted within the following proforma:

Sl.No:	Items	Price (INR)	Tax	Total
1)	Biometric Device			
2)	Software			
3)	Installation, Processing & others			

Further the College Authority reserves the right to accept and/ or reject of any quotation(s) without assigning any reasons.

Principal
Lalbaba College

Principal
Lalbaba College
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Minimum Salient Features of Biometric Fingerprint attendance system

The Product Feature:

Fingerprint reader with durable and highly accurate optical sensor
1 –touch 1-second employee recognition
Capacity to store 2200 templates and 50000 transactions
No need to enter PINs
Supports 50 time zones, 5 groups and 10 unlock combinations
Tamper-proof switch and alarm outputs
Request-to-exit and alarm contacts
Operates stand-alone without a computer
TCP/IP, serial and Wiegand interfaces
Real time 1 –touch data export to 3rd party hosted & non-hosted applications
Audio-visual indications for acceptance & rejection of valid and invalid fingerprints

Time and attendance Software feature

Centralized web based Time & Attendance
Employee Self Service Portal
Company/Department/Designation/Creation
To support Multiple Time Attendance Devices (Fiungerprint/RFID/FDBC etc)
Fingerprint/Card/Password Based access
Time Zone/Anti Pass back
Access Group/Access Expiry
Wiegand IN/OUT
Holiday assignment and Calculation
Attendance views
Annual leave assignment and calculation
Manual attendance entry option
Grace period for work Start /End times
User defined leave types
Attendance data re-processing
Automated Late-in/Early-Out calculations
Monthly leave Entitlement and Balance

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Date.........24. 3. :...2017

Complex and rotating shifts
Overlapping shifts
Customizable MIS attendance/Log Report
Daily, Monthly and yearly reports
Over 200 Different Types of Reports
Access control feature with scheduler and movement report
Designation/Location/Department/Category/Shift Wise Reports
ERP & Payroll Integration via Parallel Database Export
Export data to FTP Server for 3rd Party Software Integration
SMS/Email Notification
USB/LAN/WAN/WIFI/GPRS/GPS Options

Automatic downloading of Data feature
History of edited data by the user
Color coded report
Recycle Bin
It should be a server client application with required tire technology
Should support multiple database (MS SQL/Oracle 10G/11G)
User creation with roles and permission
Supports USB
Reporting by E mail to the authorized personnel
Centralised database system
Enhancement capability to accommodate Payroll and HR software as an future option
A separate open date base needs to be provided with the table containing user ID,
punching date and punching time.

Technical Features
Particulars Technical Specifications (Minimum)

1. PROCESSOR   : 64 Bits
2. Templates   :2200, 3000, 4000, 5000, 6000, 10000
3. Transaction capacity :50,000, 1,00,000
4. Sensor   :Optical sensor 530 DPI
5. Operation Modes   : Finger /Card-(optional)

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Date.................24 : 3 : 2017

6. Scanner (Sensor)   :High quality optical /Chip Sensor

7. Wiegand signal   :Input and output

8. In-built Reader (Optional) :Proximity Card

9. External Reader Port 1 Reader port   :(26 Bits wiegand) for Exit

10. Communication Port   :RS-485,TCP/IP, USB host

11. Baud rate   :9600 bps (Default)

12. Facility Code   :8 (3 digit code)

13. Power supply   :12 volts DC

14. I/P Voltage range   :9 to 24V DC

15. Peak current at 12 V DC   :400 ma

16. Operating temperature :Upto 50 degrees Celcius

17. Operating humidity   :20% to 95%

18. Access control Interface for   :3rd party electric lock, door sensor, exit button

19. Alarm and door bell in access control   :Yes

20. Standard function   :SMS, DLST, Webserver, Workcode

21. GPRS   :Optional and provision should be there to integrate
with   external GPRS module

22. Anti-Pass Book   :Local (Controller wise)

23. No of fingers that can be enrolled in   :More than 2 fingers
the machine per employee

24. Verification Speed   :< 1 Second

25. Quality standard   : CE, FCC

26. LCD   :16x2 Alphanumeric

27. Keypad   :12 Key Numeric Keypad

28. Access/Remote Management System   : Yes

29. Reporting/Attendance Software edition   :Lite,Classic,Professional and Enterprise etc

30. LCD Messaging   :User defined Local/Global/Banner

31. LED/Buzzer   :Bicolor LED bar,Multi Bone Buzzer O/P

32. Battery Backup Power Supply   :minimum 4-5 hours

33. Optional Functions   : ID, Mfare, HID, Scheduled-Bell,9 digit user ID,Self-
service query, automatic status switch, Soap,printer

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