

GOVERNMENT OF ASSAM
OFFICE OF THE DIRECTOR OF HIGHER EDUCATION, ASSAM
KAHILIPARA, GUWAHATI-19

No.G(B)Misc.66/2012/94

Dated Kahilipara the, 15th Dec/2012

From : Sri P. Jidung, M.A.,M.Phil,LLB, A.E.S.
Director of Higher Education, Assam
Kahilipara, Guwahati-19.

To, ✓ The Principal,
..... College,
P.O.:.....
Dist.:.....

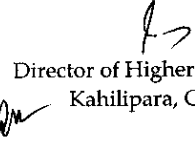
Sub : Installation of Bio-Metric Equipments (Punching) machine in the Educational Institution.

Ref : Govt. order No.AHE/396/2012/42, dated 14-12-2012.

Sir,

In inviting a reference to the Govt. letter on the subject cited above, I like to request you to install the Bio-Metric (Punching) machine in your college as per models recommendation by the AMTRON by 1st January, 2013 positively with an intimation to the undersigned.

Yours faithfully,



Director of Higher Education, Assam
Kahilipara, Guwahati-19.

Memo No.G(B)Misc.66/2012/94-A

Dated Kahilipara the, 15th Dec/2012

Copy to:

- 1) The commissioner and Secretary to the Govt. of Assam, Education (Higher) Department, Dispur, Guwahati-6.
- 2) The OSD to the Hon'ble Minister, Education, Assam, Dispur, Guwahati-6.


Director of Higher Education, Assam
Kahilipara, Guwahati-19.

GC(B)
15/12

URGENT
BY Spl. Messenger (C)

GOVERNMENT OF ASSAM
HIGHER EDUCATION DEPARTMENT
DISPUR:::GUWAHATI-6

NO.AHE.396/2012/42

Dated Dispur the 14th December, 2012.

Rc
15/12

From : Shri R.P.Mazumdar,
Officer-On-Special Duty
Higher Education Department.
Govt. of Assam,

Regr.
Matter needs urgent
to put-up immediately!
etc. [Signature]

- To :
1. The Director of Higher Education, Assam,
Kahilipara, Guwahati-19.
 2. The Director of Technical Education, Assam,
Kahilipara, Guwahati-19.

Sub : Installation of Bio-Metric Equipments (Punching Machine) in the Educational Institutions.

Sir,

I am directed to furnish herewith 3 kinds of Bio-metrics models as recommended by the AMTRON and to request you kindly to circulate this amongst the all Principals of all Colleges both Government and Provincialised, Engineering and Polytechnics in the State by Special Messenger with a direction that Biometric equipments should be installed by 1st January/2013 in all Educational Institutions under the Education Higher and Technical Department. Assurance / compliance report from all the Principals to that effect may be obtained by 20th January/2013 and report Govt. accordingly.

Yours faithfully

[Signature]
(4/12/12)
Officer-On-Special Duty
Higher Education Department
Govt. of Assam,

[Signature]
Dated Dispur the 14th December, 2012.

4334
14/12/12

Memo NO.AHE.396/2012/42-A
Copy to :

O.S.D to Hon'ble Minister Education, Assam for information of the Hon'ble Minister Education, Assam.

SDD
15/12/12

By Order etc,

[Signature]
Officer-on-Special Duty,
Higher Education Department
Govt. of Assam,

Empanelled Products for Biometric Attendance System

A. Biometric Attendance System

Option I : Facial Recognition

Sl	Product Name	OEM	Qty	Unit	Price (Rs.)	Center to be
1	SY-Face/TI DM 644 CPU 594 MHz/500 users/ 150000 records/ 320x240 resolution (Detailed at annexure II)	Synel Industries Limited, Israel	1	No	40519.00	Assam Electronic Corporation Ltd. Bamunimadani, Ghy-2
2	Realtime T71/TI DM CPU 600 MHz/500 users/150000 records/320x240 Resolution (Detailed at annexure III)	Realtime Unit 2 , Block A, Hong Kong Industrial Centre, Kowloon, Hong Kong SAR	1	No	41600.00	Unique Solutions, Mal

Option II : Fingerprint Terminal

1	Synergy/3.5" TFT/ Linux based/ Camera + Fingerprint (Detailed at annexure IV)	Synel Industries Limited, Israel	1	No	31893.00	Assam Electronic Corporation Ltd. Bamunimadani, Ghy-2
2	4G V-Flex(Detailed at annexure V)	BIOSCRYPT Enterprise Access Solution, United	1	No	43700.00	Netsol Associates, Utti Rehahari, Guwahati

Recommended Accessories and Services

B. UPS (Detailed at annexure VI)

1	Orion Make: 600VA UPS with 3 hours battery backup	D S Systems Pvt. Ltd., Guwahati	1	No	13052.00	Selected
2	Nexus Make: 550 VA UPS with 3 hours battery backup	Nexus Power Systems, New Delhi	1	No	13990.00	

C. 8 Port Switch (Detailed at annexure VI)

1	Digisol 8 Port Switch (Detailed at annexure II)	Smartlink Network Systems Ltd.	1	No	1365.00	Selected
2	D-Link 8 Port Switch (Detailed at annexure II)	Dlink (india) Limited	1	No	1645.00	

D. UTP Cable - Cat 6 (Detailed at annexure VI)

1	DigiLink	Schneider Limited	1	meter	21.00	Selected
2	D-Link	Dlink (India) Limited	1	meter	28.00	

3	Dax	Dax Networks Limited, Chennai	1	meter	23.00
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E. I/O Box with climping & clamping & fitting					
1	Digilink	Schneider Limited			300.00

F. Cable Laying Cost					
1	Cable laying Charge		1	meter	51.00

G. Installation Charge of Attendance System including enrollment					
1	Installation Charge		1	No	6000.00

OPTIONAL ITEMS

H. Desktop(Detailed at annexure VI)					
1	Wipro iValue	Wipro Limited	1	No	27300.00
2	HP Desktop	HP	1	No	35000.00
3	Acer	Acer	1	No	29000.00

I. Laser printer (Detailed at annexure VI)					
1	Laser Printer 1020 Plus	HP	1	No	7299.00

Note:

- 1 Prices are inclusive of all applicable taxes
- 2 Order for the optional and other accessories may be placed on the vendor selected for supply of Biometric Product
- 3 The necessary electrification for the installation is to be carried out by the institution
- 4 3 years onsite warranty on Biometric Product, Desktop PC and UPS, 1 Year on other Equipments



Specification of Empanelled Products
SY-920 : Facial Recognition Attendance System

Annexure II

Processor	TI DM 644 CPU 594Mhz
User Capacity	500
Record capacity	150,000 records
Recognition Algorithm	Duel Sensor TM V2.0
Sensor	Specialized double sensor
Verification Method	Face, PIN & Face
Verification & speed	Less then 1 second (1400 users)
Keyboard	4*4 touch keypad
LCD	3.5" TFT color screen, 65,000 bright color, 320*240 resolution.
Communication method	TCP / IP, USB host
Enviroment Light	0-5000Lux
Working distance	30-80 cm
Working temperature	0-40 degree centigrade.
Working Humidity	20% - 80%
Size	200* 95* 115* mm
Weight	505 grms
Installation method	Wall mounting
Security image capacity	4GB SD Card, 70,000 images
Card recognition	EM or Mifare card
Interface for AC	Relay for door lock
Security alarm	Tamper Alarm
Wiegand in & out	Standard Wiegand 26/34 output
Certification	CE, FCC class and RoHS



Specification of Empanelled Products

Realtime T71 : Facial Recognition Attendance System

Processor	TI DM 644 CPU 594Mhz
User Capacity	500
Record capacity	150,000 records
Recognition Algorithm	Duel Sensor TM V2.0
Sensor	Specialized double sensor
Verification Method	Face, PIN & Face
Verification & speed	Less then 1 second (1400 users)
Keyboard	4*4 touch keypad
LCD	3.5" TFT color screen, 65,000 bright color, 320*240 resolution.
Communication method	TCP / IP, USB host
Enviroment Light	0-5000Lux
Working distance	30-80 cm
Working temperature	0-40 degree centigrade.
Working Humidity	20% - 80%
Size	200* 95* 115* mm
Weight	505 grms
Installation method	Wall mounting
Security image capacity	4GB SD Card, 70,000 images
Card recognition	EM or Mifare card
Security alarm	Tamper Alarm
Certification	CE, FCC class and RoHS



Specification of Empanelled Products

Realtime T71 : Facial Recognition Attendance System

Processor	TI DM 644 CPU 594Mhz
User Capacity	500
Record capacity	150,000 records
Recognition Algorithm	Duel Sensor TM V2.0
Sensor	Specialized double sensor
Verification Method	Face, PIN & Face
Verification & speed	Less then 1 second (1400 users)
Keyboard	4*4 touch keypad
LCD	3.5" TFT color screen, 65,000 bright color, 320*240 resolution.
Communication method	TCP / IP, USB host
Environment Light	0-5000Lux
Working distance	30-80 cm
Working temperature	0-40 degree centigrade.
Working Humidity	20% - 80%
Size	200* 95* 115* mm
Weight	505 grms
Installation method	Wall mounting
Security image capacity	4GB SD Card, 70,000 images
Card recognition	EM or Mifare card
Security alarm	Tamper Alarm
Certification	CE, FCC class and RoHS



Specification of Empanelled Products

Synergy : Fingerprint Attendance System

Operating System	Advance Linux embedded OS
High Speed Processor	ARM 9 – 200Mhz
Identification Unit	Optical Fingerprint (FP) sensor
FP template size	1404 Byte
Registered FP Capability	3000 FP; Max. up to 10 FP per employee, 10,000 FP (optional)
FP Register	3 Times
Fake Identification rate	< 0.001% / < 0.1%
Identification Speed	RF card identification < 0.2 sec. / FP Identification < 1 Sec
Attendance Record (With Photo)	1 MB can store 140 employees, 52 MB free memory - 7280 employees
Attendance Record (With Photo & 2 FP / employee)	1 MB can store 100 employees, 52 MB free memory - 5200 employees
Attendance Record (without photo)	52 MB free memory can store 676,000 employees
Identification Feature	FP, PIN, FP + PIN, card + FP, camera + FP
Readers	Proximity, Mifare read only, Magnetic Track I, II, Barcode code 39
Memory	64MB SDRAM & Flash
Display	3.5" color TFT LCD; 320x240 pixels
Data Transmission Protocols	TCP/IP / HTTP / HTTPS, RS485/232
Network Interface	10/100 Base-T Ethernet
External Reader	Weigand - 26 bit
USB 1.1	Used to connect external disk on key (for upload/download files)
SD Card	Supports 1 G micro SD card
Power	External AC/DC adaptor 100-240 VAC-50/60 HZ=> 10Watt-5VDC 2A Optional POE - 802.3 af standard (Power over data & spare lines)
Environment	Temperature: 0o-50o Humidity: 10%-90%
Physical Dimensions	210x145x48 (mm); Wall-hanging install
Camera	1.3 M pixels color camera
Output	1 Relay
Input	1 Input
Sound	Voice Notice
Multimedia Functions	Advertisement page broadcast, background music, MPEG files
Keyboard	6 programmable function keys, 10 alphanumeric keys, menu key
Backup Battery RTC	3 Years
Backup Battery for operation	120 minutes
Cupon Printer	Optional through RS-232 port
CE / ROHS Standards	Approved

