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Ghani Khan Choudhury Institute of Engineering Technology
(Under Ministry of Human Resource Development, Govt. Of India)
Vill+Post. Kotwali , Malda -732144 (W.B)

Notice No: **GKCIET/SQN/ 339.**

Date: **10-07-2015**

SHORT QUOTATION NOTICE

Sealed quotations are invited from the agencies/suppliers for the CC TV based Security Surveillance System for Ghani Khan Choudhury Institute of Engineering and Technology, Malda.

Description items
CC TV based Security Surveillance System in Annexure - I

Last date of submission: 17-07-2015, upto 3:00 PM

Opening date of the quotation: 17-07-2015, 3:30PM.

Term and conditions:

Agency should be submitted quotation along with the below documents.

- xiii) The rate quoted must be F.O.R. **Ghani Khan Choudhury Institute of Engineering and Technology, Malda (GKCIET)** inclusive of packing, forwarding etc. Octroi, surcharge and insurance, if any must be indicated separately. Educational discount, if any should be indicated clearly. Warranty must be indicated separately.
- xiv) **GKCIET, Malda** will not provide Central Sales Tax Form "D", wherever applicable.
- xv) Permanent Account Number (PAN)
- xvi) VAT Registration Certificate
- xvii) Valid Trade License
- xviii) Delivery to be made at the **GKCIET Annex, TTC Complex (Power Grid), Post-Maliha, Dist. - Malda** within 07 days from the date of issue of work order from the institute.

Interested agencies/suppliers are hereby requested to quote the rate and total amount with signature seal of Company representative. They may apply: To The Chairman, Purchase/Store/e-Tender Committee, GKCIET, TTC Complex (Power Grid), Post-Maliha, Dist. - Malda-732102.


Asst. Registrar

(Admin & Estd.), GKCIET/Malda

Copy to:

6. Chairman, Purchase/Store/e-Tender Committee, GKCIET, Malda
7. Convener, Purchase/Store/e-Tender Committee, GKCIET, Malda
8. All Members, Purchase/Store/e-Tender Committee, GKCIET, Malda
9. Asst. Registrar, Finance
10. GKCIET Website for wide circulation.

CCTV based security surveillance system

Specification is given bellow:

Camera (outdoor):

Horizontal Resolution: 700 TVL High Resolution, Image Sensor: 1/3" Sony Super HAD II CCD , Lens:16mm Fixed Lens , video system : PAL ,IR Details :2 Dot Matrix LEDs, IR range: up to 60 Mtr, Day& Night : yes, OSD: On screen display button, white balance : auto, back light compensation : auto, Gain control: auto, S/N ratio: More than 52dB, shutter speed : Max 1/50 – 1/100,000(s), synchronization : internal, video output: 1.0 Vp-p composition output(75 ohm/BNC), power supply : 12V DC, Power consumption : Max 2 w(with IR on 5 W), certificate : CE, FCC, RoHs

Camera (Indoor):

Horizontal Resolution: 800 TVL High Resolution, Image Sensor: 1/4" DIS, Lens:3.6 mm Fixed Lens , video system : PAL ,IR Details :24 IR LEDs, IR range: up to 20 Mtr, Day& Night : yes, white balance : auto, back light compensation : auto, Gain control: auto, S/N ratio: More than 52dB, shutter speed : Max 1/50 – 1/100,000(s), synchronization : internal, video output: 1.0 Vp-p composition output(75 ohm/BNC), power supply : 12V DC, Power consumption : Max 2 w(with IR on 5 W), certificate : CE, FCC, RoHs

DVR:

System:

Operating System: Embedded Linux

Video Compression H.264

Interface:

Screen Display 1/8 Screen

Video Input 8-CH BNC (1.0 Vp-p, 75Ω)

Video Standard PAL (625 Lines, 50 f/s), NTSC (525 Lines 60 f/s)

Frame Rate PAL : 25fps; NTSC : 30fps

VGA Output

1-CH Resolution: 1024 x 768, 1280 x 720, 1280 x 1024, 1440 x 900, 1920 x 1080

CVBS Output

1-CH Main Composite BNC Resolution: 704x576(PAL) & 704x480 (NTSC)

HDMI Output

1-CH Resolution: 1920x1080P, 1280x1024, 1280x720, 1024x768" Audio

Audio

Audio Compression G.711A

Audio Input 4 -RCA

Audio Output 1-RCA

Bi-directional Talk Support

Alarm

Alarm Input N/A

Alarm Output N/A

Record

Recording Resolution 704 x 576 (D1), 704 x 288 (HD1), 352 x 288 (CIF)

Mode Manual / Schedule / Alarm / Motion / Continuous

CB

Playback

Play Back Resolution 704 x 576 (D1), 704 x 288 (HD1), 352 x 288 (CIF), 176 x 144 (QCIF)
Search Date, Time, and Camera, Alarm, Motion detection & Video Loss
Operation Play, Fast Forward, Backward, Pause, Stop etc.
Backup Format AVI & H.264

Dual Stream

Dual Stream Yes
Sub stream CIF / QCIF

Storage

HDD1 x 4TB SATA support
Partitions Video & Snapshot
Record Storage Local HDD / Network
Backup Mode USB Flash drive / Portable HDD / Network

Network

Ethernet1 - 10/100M RJ-45 Port
Web Remote setup, Monitoring, Backup, Alarm Notification, one I.E for up to 4 (DVRs)
E-mail Alarm notification
Protocol TCP/IP, HTTP, PPPoE, DHCP, DDNS, RTSP, ARSP

Control

RS-485 (PTZ) 1 RS485 (PTZ); Support multiple PTZ protocol
RS-232N/A
USB Interface 2 X USB 2.0

Special Features

Cloud Ready Easy Management over Internet
Buzzer Yes
Triggered Video Loss, Motion Detection & Video Blind
Event Log Yes
Multi-Language Yes

Others

Power Supply 12V DC, 3A
Power Consumption < 5W

Other items:

Standard BNC Connector

CCTV Power Supply 12V,

Surveillance Storage: SATA 2TB HDD

**Standard CCTV cable 3+1,
standard Power connector,**

Warranty: 3 years.

Data backup: 15 days.

Standard Cable (Approx.) for CCTV: 1000 mtr.

Sl no	Items	Quantity
1	Outdoor camera	5
2	Indoor camera	3
3	DVR	1
4	Standard BNC Connector	16
5	CCTV Power Supply 12V	1
6	Surveillance Storage: SATA 2TB HDD	1
7	CCTV cable 3+1	1000mtr
8	standard Power connector,	16
9	Warranty	3 years
10	Data backup	15 days

NB: installation service is required

General Terms and conditions

1. Agency shall submit bill in duplicate along with delivery challan after installation and registered given hardware's/items to store and purchase, GKCIET.
2. Agency shall have to complete the work of above mentioned materials within 15 days of receiving work order.
3. Agency shall provide at least three years warranty for installed hardware components.
4. Security surveillance system configuration and installation will be done by agency.
5. Installation of Power cable for Central Power Distribution and data communication will be done by agency.
6. Agency shall provide training to at least two employees of the institute on operating procedure and maintenance of the security surveillance system.
7. Agency should give the free service & maintenance for three years from the date of Installation.
8. Agency should replace the hardware/software components if found malfunctioning during warranty period at no cost without any issue.
9. Agency shall configure and provide support for remote surveillance system.
10. Agency shall not claim any financial support from institute for cloud based remote surveillance.
11. Agency shall provide technical support to reconfigure installed systems/items from one location to another location if required by institute at no cost during warranty period.
12. The authority reserves the right to alter the time of completion of work and cancel the said order at any time without assigning any reason thereof.

