Invitation of quotation

Supply & Installation of CCTV Camera Dhaka Commerce College

Memo No.

: Dcc / 26/144/18

Date

: 10th September, 2018

Last Date of Submission

: 16th September, 2018 at 03:00 PM.



Dhaka Commerce College

Dhaka commerce College road, Mirpur, Dhaka-1216

Phone: 9023338, 9004942, 9007945

email: dcc1989@dcc.edu.bd www.dcc.edu.bd

Date: 16th September, 2018

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Invitation of quotation for Supply & Installation of CCTV Camera at Dhaka Commerce College

Sealed quotations are hereby invited by the undersigned on behalf of the Principal, Dhaka Commerce College for supply & Installation of CCTV Camera for the Institute as per terms & conditions mentioned below. The filled quotations along with all the required documents must reach the office of the undersigned on or before 16th September, 2018 at 03.00 PM. The Envelope containing the quotation would please be sealed and super scribed as under:-

QUOTATION FOR SUPPLY & INSTALLATION OF CCTV CAMERA.

INSTITUTE : Dhaka Commerce College

Memo No. : Dcc / 26/144/18; Date: 10th September, 2018

Last Date of Submission : 16th September, 2018 at 03:00 PM

Terms and conditions:

- 1. The scope of this tender is to invite quotations for supply and installation of CCTV Cameras from reputed suppliers.
- 2. The items supplied should remain under Warranty for at least one year.
- 3. The company should be able to rectify or replace the items as and when required within the stipulated time with the permission of Dhaka Commerce College authority.
- 4. The contractor should have adequate (at least five years) work experience of installing CCTV Camera, preferably in big companies. It should submit the supporting documents including list of clients and the copies of work order at least 3 (three) organizations it worked.
- 5. The bidders shall not be at liberty to offer his/her terms and conditions with regard to the tendered work that means the bidder cannot deviate from the terms and conditions given herein. Otherwise, the tenders are liable to be summarily rejected.
- 6. Vat and Tax applicable as per Government rule.
- 7. Delivery & Installation Period within 30 days from Purchase order.

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8. Installation period: 6pm to 10pm

9. The quotation should be addressed in the name of Principal, Dhaka Commerce College, Dhaka Commerce College road, Mirpur, Dhaka-1216. The rates are to be quoted on the company's letter head. Each page of the quotation / tender must be signed & stamped by the authorized Signatory. Unsigned quotations may not be considered.

- 10. Technical & Financial bids should be submitted separately in sealed cover and both these sealed covers should be put in a big cover which should also be sealed and the super-sealed as 'Quotation for installation of CCTV camera in Dhaka Commerce College'. Interested bidder may visit the site before quoting the price.
- 11. Becoming the lowest bidder will not be the criterion for awarding of purchase order unless the rates are reasonable & justified. Dhaka Commerce College authority reserves the right to accept or reject any or all of the bids in full or in part including the lowest, without assigning any reason there of or incurring any liability thereby.
- 12. The quantity of items given in the quotation is tentative, and it may be increase or decrease as per the institute's requirement.
- 13. Payment shall be made in Bangladeshi currency directly through accounts office of the authority subject to availability of fund as per rules and regulation of DCC and after deducting VAT, AIT/other taxes as per Govt. rules in the flowing manner.
 - a) 50% of the contract price shall be paid after supply of materials and on submission of bill & related documents.
 - b) After successful installation/completion of the works, the contractor shall submit an original bill in duplicate along with copies of original challan, to the authority, for *another 25%* of the contract price of the goods installed at the site if certified by the Engineer in charge after due adjustment.
 - c) After successful completion of testing & commissioning of the work, the contractor shall submit an original bill in duplicate along with copies of original job completion report to the authority; for *another 15%* of the contract price of the work at the site if certified by the Engineer after due adjustments and submission of documents specified in BOQ supported by the acceptance certificate issued by the purchase committee & accepted by the Principal, DCC.

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- d) The remaining 10% of the contract price shall be kept as security deposit against warranty period.
- 14. Rates shall be quoted and, subsequent payments under this contract shall be made in taka currency. The price offered by the quotationer, if accepted shall remain fixed for the duration of the contract.
- 15. The farm/agency may satisfy the following conditions and attach self-attested copy of the same with the quotation:
 - a. Filled & signed copies of <u>Appendix-1</u> (Bill of Quantities) & <u>Appendix-2</u> (Quotation Submission Letter)
 - b. Updated Trade license
 - c. Updated VAT and UTIN/TIN certificate
 - d. The farm should not be black listed by any Govt. Agency/Dept.
 - e. Technical specification & Catalog of Camera, NVR & POE switch
 - f. A brief layout design
 - g. Agency/ dealer's certificate
 - h. List of clients with their addresses and phone no./ Mobile no. and Email ID.
 - i. Copies of work order at least 3(three) organizations it worked.

Dhaka Commerce College

Appendix-1

Bill of Quantities:

Sl Of Item	Description & Details	Unit	Qty	Unit Rate in Taka	Total Amount in Taka
1	IP color bullet IR camera: 02 megapixel IP POE HD Network IR Dome Camera. IR LED Display, Distansce-30M.		,		
	Model: To be quoted Brand: To be quoted Manufacturer: To be quoted Year of Manufacture: To be quoted		64		
	Country of Origin: To be quoted Assembled in: To be quoted				
	Port of Shipment: To be quoted				
2	Network video Recorder: 64 Channel Standal NVR. Model: To be quoted Brand: To be quoted Manufacturer: To be quoted				
	Year of Manufacture: To be quoted Country of Origin: To be quoted Assembled in: To be quoted	. Pcs	01		
	Port of Shipment: To be quoted				
3	6TB HDD /WD Model: To be quoted Brand: To be quoted Manufacturer: To be quoted Year of Manufacture: To be quoted Country of Origin: To be quoted Assembled in: To be quoted Port of Shipment: To be quoted	l. l. Pcs	03		
4	Solitine / Rozen burger Cable (At actual)		01		
5	Connector, Solitine(At actual)	pcs	01		

Date: 16th September, 2018

6	16 port POE Switch, Tenda-PE	F- 1118P				
	Model:	To be quoted.				
	Brand:	To be quoted.				
	Manufacturer:	To be quoted.				
	Year of Manufacture:	To be quoted.				
	Country of Origin:	To be quoted	pcs	01		
	Assembled in:	To be quoted				
	Port of Shipment:	To be quoted	0			
	(At actual)					
7	08 port POE Switch, Tenda-TEF- 1109P					
	Model:	To be quoted.				
	Brand:	To be quoted.				
	Manufacturer:	To be quoted.	ric Fie	f-, 16-	5.17	
	Year of Manufacture:	To be quoted.				
	Country of Origin:	To be quoted	pcs	01	7,7	
	Assembled in:	To be quoted				
	Port of Shipment:	To be quoted				
	(At actual)		1000			
8	Martrix Switcher					
	Model:	To be quoted.				
	Brand:	To be quoted.				
	Manufacturer:	To be quoted.				
	Year of Manufacture:	To be quoted.	pcs	01		
	Country of Origin:	To be quoted	pes	01		
	Assembled in:	To be quoted				
	Port of Shipment:	To be quoted				
9	PVC pipe, channel, clip, scro a	nd others				
	Accessories. (At actual)		Rft	01		
10	Power Cable (At actual)		coil	01	*	
11	Installation Charge for cctv		pcs	64		
12	Manitan Vanlas / Samana - 55	7	1			
12	Monitor: Konka / Samsung 55		pcs	01		

Date:

Date: 16th September, 2018

Appendix-2

Quotation Submission Letter

	[Use Letter-head Pad]
RFQ No:	Date: dd/mm/yy
To The Principal Dhaka Commerce College Mirpur, Dhaka-1216	
I/We, the undersigned, offer to supply i and related services named [insert name of	n conformity with the Terms and Conditions for delivery of the good goods]
The total price of my/our quotation is B	DT [insert amount both in figure and words]
	or the period stated in the RFQ Document and it shall remain binding the prior to the expiration of its validity period.
ineligible by the Government of Bang	apacity to enter into a contract with you, and have not been declared gladesh on charges of engaging in corrupt, fraudulent, collusive of mare aware of the Terms and Conditions and pledge not to include in pletion of delivery of goods.
	one quotation in this RFQ process in my/our own name or other name that the purchase order issued by you shall constitute the contract and
I/We have examined and have no reserv	vations to the RFQ Document issued by you on [insert date]
I/We understand that you reserve the ri without incurring any liability to me/us.	ight to reject all the quotations or annul the procurement proceedings
	Signature of quotationer with Seal



Equipped with 8 PoE+ supported ports to transfer data a

Search All

Supp

Works with IEEE 802.3af/at compliant devices, expanding

Simple network set-up on top of plug-and-play

Web-based user interface and management utility simpli configuration

*Actual data may vary in different usage environment. Learn more about TP-LINK PoE technology >

What This Product Does

The TL-SG1016PE is a 16-Port Gigabit Desktop/Rack-mountable Switch with 8 ports supporting the PoE+ standard. It provides simple way to expand a wired network by transferring power and data over single network cables. With a total power budget of 110W, up to 30W per port, TL-SG1016PE if flexible to support low power devices, such as wireless access point (AP), network camera or IP Phone or few high-power devices such as high power wireless or PTZ camera. Moreover, with innovative energyefficient technology, the TL-SG1016PE can save up to 75% of the power consumption, making it an eco-friendly solution for yc business network.

How This Product Works

TL-SG1016PE support 8 Power over Ethernet Plus (PoE+) ports, which can automatically negociate and supply appropriate pov to any IEEE 802.3af/at compliant device. In this situation, the electrical power is transmitted along with data on a single cable, allows you expanding your network where you want to install your wireless AP, camera or phone and no electric outlet available.

https://www.tp-link.com/us/products/details/cat-41_TL-SG1016PE.html

Overload Protection

TL-SG1016PE is limiting its PoE power supply when its power is over the limit. When accumulated PoE power consumption exceeds 110W, the output current will be automatically limited and a PoE priority mechanism will be kick-in to arrange the priority among the 8 PoE ports.

Port Priority Function

PoE power priority is arranged along with the port number. The port 1 has the highest priority and the port 8 has the lowest priority. This function will help protect the system if the system power becomes overloaded. For example, Port 1, 2, 3, 4, and 5 a using 30w (maximum power per port is 30W), the system power is 110w in total (PoE max LED will be on if all PoE PDs power consumption is more than 110W). If there is an additional PD inserted to Port 4 with 20w then the system will cut off Port 5 pow supply to protect the system, this means Port 1, 2, 3, will use 90w, and Port 4 will use 20w, and no power will be supplied to Port

Easy To Use

TL-SG1016PE is easy to install and use. It requires no configuration or installation. With its Desktop/Rack mountable design, outstanding performance and quality, the TP-LINK TL-SG1016PE 16-Port Gigabit Desktop/Rack-mountable Switch with 8-Port PoE is a great choice for expanding your home or office network.

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Rack 19" and 10"

Stock clearance Sale 💫

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Terrestrial Television

Topm CCTV Equipment m IP m Dome Cameras m Dome Cameras with Fixed-Focal Lens and Infra-Red Illumination m Code: DH-IPC-HDW1230SP-028 如 吟 10

aAA IP CAMERA DH-IPC-HDW1230SP-028 0B - 1080p 2.8 mm DAHUA

6 6 6 6 6

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Prices visible to customers from Poland only - For larger purchases, ask for an additional discount - A moderate quantity of pieces in stock - Add to the product list to compare



	Search for similar	
Standard:	TCP/IP	
Sensor:	1/2.9 * Progressive Scan CMOS	
Scanning system:	Progressive Scali Chios	
Matrix size:	2.1 Mpx	
Resolution:	1920 x 1080 - 1080p 1280 x 1024 - 1.4 Mpx 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p	
Operation modes:	Main and sub streams may be in any configuration Firmware 2.460.0000.14.R, build: 2017-07-20 • Main stream: 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720 • Sub stream: 704 x 576, 640 x 480, 352 x 288	
Lens:	2.8 mm	
View angle:	101 ° (manufacturer data) 102 ° (our tests result)	
Range of IR illumination:	30 m	
S/N ratio:	> 50 dB	
Memory card slot:	-	
Image compression method:	H.265 / H.264 / MJPEG	
Alarm inputs / outputs:	-	
Audio:	-	
Bitrate:	24 9472 kbps - H.264 14 5632 kbps - H.265	
Main stream frame rate:	25 fps @ 1920 x 1080	
Network interface:	10/100 Base-T (RJ-45)	
Network protocols:	HTTP, HTTPS, IPv4/IPv6, TCP, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPP0E, QoS, UPnP, NTP, Bonjour, IEEE 802.1x, Multicast, ICMP, IGMP, SNMP	
WEB Server:	Built-in	
Max. number of on-line users:	20	
ONVIF:	16.12	
Main features:	WDR - 120 dB - Wide Dynamic Range JD-DNR - Digital Noise Reduction ICR - Movable InfraRed filter BLC - Back Light Compensation HLC - High Light Compensation (spot) AGC - Automatic Gain Control Auto White Balance	

Port no.: 37777 or access by a cloud (P2P)

• Android: Free application aDMSS Lite, Android: Free application Lechange

• IOS (IPhone): Free application IDMSS Lite, IOS (IPhone): Free application Lecl
There are also paid versions of mobile applications: gDMSS Plus, IDMSS Plus

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Access to the Wholesale
Prices Prices Stocks Terms of Delivery Payments
Collect points - get rewards!
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192.168.1.108



Mobile phones support:

Default admin user / pas



PC client access ports:	37777		
Mobile client access ports:	37777		
Port ONVIF:	80		
RTSP URL:	rtsp://admin:admin@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Mair stream rtsp://admin:admin@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream		
Color:	White		
Power supply:	 PoE (802.3af), 12 V DC / 420 mA 		
Power consumption:	< 5.4 W		
Housing:	Dome - Metal / Plastic		
"Index of Protection":	IP67		
Operation temp:	-30 °C 60 °C		
Dimensions:	Ø 108 x 84 mm		
Weight:	0.264 kg		
Supported languages:	English, Polish		
Manufacturer / Brand:	DAHUA		
Guarantee:	3 years		

COMPONENTS OF WORKING WITH: DH-IPC-HDW1230SP-028

IP DVR DHI-NVR2104-P-S2 4
CHANNELS +4-PORT POE SWITCH
DAHUA

IP DVR DHI-NVR2104HS-S2 4
CHANNELS DAHUA

IP DVR DHI-NVR4208 8 CHANNELS DAHUA

Net: 3.21 EUR Prices visible to customers from Poland only Prices visible to customers from Poland only Prices visible to customers from Poland only

IP DVR DHI-NVR4832 32
CHANNELS +eSATA DAHUA
CAMERA BRACKET PFA136 DAHUA



Prices visible to customers from Poland only Prices visible to customers from Poland only

INTERESTING PRODUCTS

IP CAMERA DH-IPC-HFW1230SP-028 0B - 1080p 2.8 mm DAHUA

CAMERA BRACKET PFA134 DAHUA

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Prices visible to customers from

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DHI-NVR5816/5832/5864-4KS2

16/32/64 Channel 2U 4K&H.265 Pro Network Video Recorder



- H.265/H.264/MJPEG/MPEG4 codec decoding
- · Max 320Mbps incoming bandwidth
- · Up to 12Mp resolution preview&playback
- 2HDMI/VGA simultaneous video output
- 3D intelligent positioning with Dahua PTZ camera
- Support RAID 0/1/5/6/10
- Support N+M fail over













System Overview

Dahua's NVR5000-4KS2 network video recorder offers a excellent performance and high recording quality for IP video surveillance applications. For applications where details are critical for identification, this professional NVR provides a powerful processor with up to 4K resolution. Additionally, the NVR features a mouse shortcut operation menu, remote management and control, centre storage, edge storage, and back up storage.

Designed as a cost-effective, easy installation, this NVR is ideal for a wide range of applications such as public safety, water conservancy, transportation, city centers, education, and financial institutions. The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems with or without a video management system (VMS). Its open architecture supports multiuser access and is compatible with ONVIF 2.4, enabling interoperability when combined with 4K cameras.

Functions

RAID 0/1/5/6/10

Offering a balance between storage performance, storage capacity, and data integrity, the NVR features Fruitfull RAID 0/1/5/6/10 for faster and safer recording.

Fisheye Dewarping

The NVR features multiple fisheye dewarping modes to make viewing video easy whether its live or during playback.

N+M Hot Standby

The highly reliable redundancy N+M Hot Standby design provides a secure, failover technique ensuring immediate backup. In the event of a system failure, the slave instantly takes over the master ensuring no data is lost.

4K Resolution

The NVR supports 4K ultra HD resolution (3840 x 2160) for recording, live viewing and playback.

Intelligent Video System (IVS)

Working with built-in intelligent video analytics IP cameras, the NVR has the ability to detect and analyze moving objects for improved video surveillance. The NVR provides optional standard intelligence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a pre-determined line has been crossed, People Counting, ideal for business intelligence, and Face Detection, for searching or identification of individuals.

Point of Sale (POS)

Ideal for grocery and retail stores, the optional POS solution allows the NVR to receive a POS transaction via corresponding video. This feature allows merchants to analyze specific transactions via the Fuzzy search Algorithm.

ANR (Automatic Network Replenishment Technology)

Video record in SD card in IP cameras when the network breaks down, and after the network recovered, the video will be transferred to NVR and t hen recorded in it.

Onvie

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www.dahuasecurity.com

Technical Specification

System

Main Processor

Quad-core embedded processor

Operating System

Embedded LINUX

Display

Interface

2 HDMI (1 HDMI up to 3840x2160, Different Source), 1 VGA

3840x2160, 1920×1080, 1280×1024, 1280×720, 1024×768

Multi-screen Display

1st screen: 16CH: 1/4/8/9/16 32CH: 1/4/8/9/16/25/36 64CH: 1/4/8/9/16/25/36 2nd screen: 1/4/8/9/16

Camera title, Time, Video loss, Camera lock, Motion detection, Recording OSD

Video Detection and Alarm

Trigger Events

Relay Output

Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips

Video Detection

Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering

16 Channel, Low Level Effective, Green Terminal

Alarm input

6 Channel, NO/NC Programmable, Green Terminal Interface

Tracking Trigger Event

Playback and Backup

Sync Playback

1/4/9/16

Search Mode

Time /Date, Alarm, MD and Exact Search (accurate

Playback Function

Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom

USB Device/Network/Internal SATA burner/eSATA

Backup Mode

Storage

Internal HDD

8 SATA III Ports, up to 6TB capacity for each HDD

HDD Mode

Single, Raid 0/1/5/6/10

1 eSATA port

Auxiliary Interface

Front Cover

N/A

USB

4 ports (2 Rear USB3.0,2 Front USB2.0)

RS232

1 Port, for PC Communication and Keyboard

1 Port, for PTZ Control

Third-party Support

Third-party Support

Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more

Audio and Video

IP Camera Input

16/32/64 Channel

Two-way Talk

1 Channel Input, 1 Channel Output, RCA

Recording

Compression

H.265/H.264/MJPEG/MPEG4

Resolution

12Mp/8Mp/6Mp/5Mp/4Mp/3Mp/1080P/ 720P/

320Mbps

Record Rate

Bit Rate

Record Mode

16kbps~20Mbps for per channel

Manual, Schedule(Regular(Continuous), MD, Alarm), Stop

Record Interval

1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec

Network

Interface 2 RJ-45 ports (10/100/1000Mbps)

Ethernet Port

2 Ethernet Ports Joint Working or 2 Independent 1000Mbps Ethernet Ports

Network Function

N/A

HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.), P2P

Optical Fiber Interface

Max. User Access

128 users

Smart Phone

iPhone, iPad, Android ONVIF 2.4, CGI Conformant

Interoperability Electrical

Power Supply

Single, AC 100~240V, 50/60 Hz

Power Consumption

<16.7W (without HDD)

Environmental

Operating Conditions

-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa

Storage Conditions

-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH

Pro series | DHI-NVR5816/5832/5864-4KS2

Construction

Dimensions(W×D×H) 2U, 440mm×450.1mm×95mm (17.3" x 17.7" x 3.7")

Net Weight 6.55kg (14.4 lb) (without HDD)
Gross Weight 9.5kg(20.94 lb)(without HDD)

Certifications

CE EN55022, EN55024, EN50130-4, EN60950-1

FCC Part15 subpartB,ANSI C63.4-2014
UL UL60950-1+CAN/CSA C22.2 No.60950-1

Accessories

Dimensions (mm)



ESS1504C



ESS1508C



Ordering Information

Zeliconi di Unite		
Туре	Part Number	Description
16 Channel NVR	DHI-NVR5816- 4KS2	16 Channel 2U 4K&H.265 Pro Network Video Recorder
32 Channel NVR	DHI-NVR5832- 4KS2	32 Channel 2U 4K&H.265 Pro Network Video Recorder
64 Channel NVR	DHI-NVR5864- 4KS2	64 Channel 2U 4K&H.265 Pro Network Video Recorder
Accessories	ESS1504C	4 HDDs eSATA Storage
Accessories	ESS1508C	8 HDDs eSATA Storage

















