



**DIRECTORATE OF TECHNICAL EDUCATION,  
MAHARASHTRA STATE**

3, MAHAPALIKA MARG, POST BOX NO. 1967, MUMBAI-400 001.  
Phone : 022- 68597470, 68597431; FAX : 022-22692102.22690007  
E-Mail : desk11dte@gmail.com desk11@dtmaharashtra.gov.in  
Internet: http://www. dtmaharashtra.gov.in

No.11/DTE/CCTV CAMERA /19-20/ 234  
Date: 07/08/2019

To,

1. -----
2. Notice Board, Director of Technical Education, M.S. Mumbai.  
*Sub: Quotation for CCTV CAMERA*

*You are requested to send your most competitive quotations for cctv camera as per the conditions mentioned below. The quotation should reach this office within period specified below.*

The sealed cover should be superscribed as “**Quotation for upgradation and re-arrangement CCTV CAMERA**”

**The Quotations will be opened on dated 14/08/2019 at 4.00 p.m.**

**TERMS & CONDITIONS**

1. Rates quotation should be F.O.R/ Consignee's Premises (Door delivery basis only.)
2. The validity period for the prices and other referred should be clearly mentioned and it should be minimum for 30 days from the date of opening the quotation.
3. You will have to deliver the goods (print material) within 05 days from the receipt of order
4. This office reserves the right to accept any quotations or reject any or all quotations and to order any of the items in any quantity without assigning any reason thereof.
5. 100% payment is to be effected by this office on receipt of the material in good conditions.
6. Items not up to the standard even at lowest in price will not be accepted and decision of the under signed in the respect will be final.
7. Duly filled in quotation must be returned and dropped in the Tender Box at Desk No.11 during office hours or before 14/08/2019 up to 2.00 p.m.
8. This office may issue Purchase Order / Work Order in phased manner and for Quantity less than the Qty motioned here in.
9. You will have to inspect the existing system and study the components, user requirement also.

Sd/-  
( Dr. Abhay Wagh )  
Director,  
Technical Education, M. S., Mumbai.

## Annexure-1

Sr. No.	Particulars	Qty.
1.	<p><b>CP PLUS 16 Channel DVR HD Video Model no CP-UVR-1601-E1-V4</b></p> <p><b>Processor</b> Embedded processor  <b>Operating System</b> Embedded LINUX  <b>IP Camera Input</b> 16+2, each channel up to 6MP  <b>Two-way Talk</b> Reuse audio in/out, RCA  <b>User Interface</b> GUI  <b>Video Input</b> 16 channel, BNC  <b>Video Output</b> 1 HDMI, 1 VGA  <b>Compression</b> H.265+/H.265/H.264+/H.264  <b>Video Resolution</b> 1080N, 720P, 960H, D1, HD1, BCIF, CIF, QCIF  <b>Video Recording</b> Main Stream: 1st channel 1080N/720P(1~25/30fps), others 1080N/720P(1~15fps); 960H/D1/HD1/BCIF/CIF/QCIF(1~25/30fps), Sub stream: CIF/QCIF (1~7fps)  <b>Video Display Split</b> 1/4/8/9/16  <b>Audio Input</b> 1 channel, RCA  <b>Audio Output</b> 1 channel, RCA  <b>Motion Detection</b> MD Zones: 396 (22 × 18)  <b>Video Loss</b> Supports  <b>Camera Blank</b> Supports  <b>Hard Disk</b> 1 SATA port, up to 6TB  <b>Smart Phone</b> iPhone, iPad, Android Phone  <b>Trigger Events</b> Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips  <b>Recording Mode</b> Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  <b>Search Mode</b> Time /Date, Alarm, MD and Exact Search (accurate to second)  <b>Playback</b> Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup, selection, Digital zoom  <b>Backup Mode</b> USB Device/Network  <b>Interface Ports</b> 1 HDMI, 1 VGA, 2 USB2.0  <b>Record Interval</b> 1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec  <b>Max User Account</b> 128 users  <b>Ethernet</b> RJ-45 port (100M)  <b>Protocols</b> HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, ONVIF 16.12, CGI Conformant  <b>Power Supply</b> DC12V/2A  <b>Power Consumption</b> &lt;10W (without HDD)  <b>Working Temp</b> -10°C ~ +45°C (+14°F ~ +113°F), 10 ~ 90% RH  <b>Dimension</b> 260mm x 236mm x 48mm  <b>Weight</b> 0.80kg (without HDD)</p>	02

2.	<p><b>2MP INDIGO HD IR DOME CAMERA 3.6mm 1700 1 20mtr IR MODEL NO.CP-VAC-D20L2</b></p> <p><b>Image Sensor</b>1/2.9" 2 MP HQIS Pro Image Sensor  <b>Minimum Illumination</b>Color(0.1Lux) , (0 Lux IR LED On)  <b>Shutter Speed</b>1/50s(1/60s)-1/100,000s(Auto/Fixed)  <b>White Balance</b>Auto  <b>Lens</b>3.6mm  <b>AGC Control</b>Auto  <b>S/N Ratio</b>≥36dB  <b>Back Light Comp.</b>Auto  <b>Resolution</b>1080P  <b>Video Output</b>1.0Vp-p Composite Output (75O / BNC) , HD-AHD(1080P)\ HD-TVI(1080P)\ HD-CVI(1080P)\ CVBS , CVI Default setting  <b>Frame Rate</b>30fps(60Hz) ,25fps(50Hz)  <b>ICR</b>support  <b>Gamma Correction</b>0.45  <b>IR</b>IR Range of 20 Mtr.  <b>No. of IR LEDs</b>12pcs  <b>Operating Temperature</b>-20°C~+55°C  <b>Humidity</b>10% ~ 90% , &lt;95% RH no dew  <b>Power Source</b>DC12V(+/-10%)  <b>Power Consumption</b>0.4W(2.5W after IR LED Powered on)  <b>Dimension</b>108mm x 108mm x 73.5mm  <b>Weight</b>0.25KG</p>	01
3.	<p><b>2MP INDIGO HD IR BULLET CAMERA 1 3.6mm 20mtr IR MODEL NO.CP-VAC-T20PL2</b></p> <p><b>Image Sensor</b>1/2.9" 2 MP HQIS Pro Image Sensor  <b>Minimum Illumination</b>Color(0.1Lux), (0 Lux IR LED On)  <b>Shutter Speed</b>1/50s(1/60s)-1/100,000s(Auto/Fixed)  <b>White Balance</b>Auto  <b>Lens</b>3.6mm  <b>AGC Control</b>Auto  <b>S/N Ratio</b>≥36dB  <b>Back Light Comp.</b>Auto  <b>Resolution</b>2MP (1920 × 1080)  <b>Video Output</b>1.0Vp-p Composite Output (75O / BNC) , HD-AHD(1080P)\ HD-TVI(1080P)\ HD-CVI(1080P)\ CVBS , CVI Default setting  <b>Frame Rate</b>30fps(60Hz) , 25fps(50Hz)  <b>ICR</b>support  <b>Gamma Correction</b>0.45  <b>IR</b>IR Range of 20 Mtr.  <b>No. of IR LEDs</b>12pcs  <b>Operating Temperature</b>-20°C~ 55°C</p>	01

	<b>Humidity</b> 10% ~ 90% , <95% RH no dew <b>Power Source</b> DC12V(+/-10%) <b>Power Consumption</b> 0.4W(2.5W after IR LED Powered on) <b>Dimension</b> 154.6mm x 71mm x 71mm <b>Weight</b> 0.2 Kg.	
4.	<b>Seagate surveillance 4 TB HDD</b>  Capacity 4 TB Interface SATA 6Gb/s Form Factor 3.5" x 1/3H Spindle Speed 5900 rpm	02
5.	Video Balloon	02
6.	Installation Charges for Cameras	02
7.	4by 4 junction box	02
8.	Lan over HDMI Converter	01
9.	Installation programming and commissioning charges including required materials.	Lump sum
10.	D-LINK Cat 6 cabling including labour and materials. With casing capping.	400mtr
11.	Wireless USB mouse with censor	01