



## Caswell County Schools

### Security Upgrade RFP

May 21, 2019

Caswell County Schools is requesting qualified vendors to provide a proposal for the equipment, materials, services, installation, labor, training as listed below for 5 schools, with service to begin July 1, 2019 or as soon as possible thereafter.

**BID DEADLINE:** **Wednesday, June 12, 2019, 12 noon EST**

Please email all bids to: [duseche@caswell.k12.nc.us](mailto:duseche@caswell.k12.nc.us).

Please be certain to reference "Security upgrade RFP" in the subject.

The addresses of all 5 school sites are available in the site list below.

#### Site Listing

<u>Site Name</u>	<u>Street</u>	<u>City, State, ZIP</u>
North Elementary	10390 NC Hwy 86 N.	Providence NC 27315-9737
Dillard Middle	255 Hatchett Road	Yanceyville NC 27379
Oakwood Elementary	274 Oakwood Drive	Yanceyville NC 27379-0640
South Elementary	8925 NC Hwy 86 S.	Mebane NC 27302-9803
Stoney Creek Elementary	1803 Stoney Creek School Road	Reidsville NC 27320-9609

Bidding starting date: 05/21/2019

Contact: **David Useche**  
**Chief Technology Officer**  
[duseche@caswell.k12.nc.us](mailto:duseche@caswell.k12.nc.us)

Information for interested vendors:

1. This project will be funded by state funds from the Department of Public Instruction. The vendor shall ensure that all subcontracts and other contracts for goods and services follow all local, state and federal procurement rules.
2. An optional Walk through is scheduled for **Tuesday May 28, 2019 starting at 9:00 AM at the Central Office (319 Main Street E. Yanceyville, NC 27379)** Please RSVP to [duseche@caswell.k12.nc.us](mailto:duseche@caswell.k12.nc.us)
3. Schools Diagrams with projected devices locations and distances are available upon request (Digital PDF format only). Please submit diagrams requests to [duseche@caswell.k12.nc.us](mailto:duseche@caswell.k12.nc.us)
4. A copy of this RFP can be provided via email upon request. This RFP and any addendums will be placed on the Caswell County Schools website at the following link: <http://caswellcounty.schoolinsites.com/ITBIDS>
5. **Questions** should be submitted to David Useche at the email address above by Monday June 10, 2019, in order to receive answers before the Bidding closing date. District will make best efforts to answer questions within 1-2 business days and answers will be posted on the following website for all interested vendors to access them:  
<http://caswellcounty.schoolinsites.com/IT>

6. To be considered, an electronic copy of the proposal must be received by David Useche via email ([duseche@caswell.k12.nc.us](mailto:duseche@caswell.k12.nc.us)) on or before the closing date and time indicated above.

7. A previous evaluation has been conducted by the district to determine the need for the hardware specs, length of work, distances and more included below but **equivalent/comparable equipment and services will be considered.**  
**NOTE: The surveillance and access control devices must be compatible with VIDEO Insight / Panasonic, which is the software solution already implemented in our district.**

8. The proposal should include itemized pricing for equipment, materials, installation, cabling, freight, and other costs. Proposal do not have to include all areas described below, individual area proposal will be accepted and considered to compete in that area specifically.

**Request for Proposal:** *The Caswell County IT Department is soliciting proposals for the following:*

Item

<u>No.</u>	<u>Description</u>	<u>Qty</u>	<u>Unit</u>
<b><u>DILLARD MIDDLE SCHOOL</u></b>			
<b>ENTERPRISE DOOR ACCESS (Please reference Drawing)</b>			
1	County Wide Access Control Project - Dillard Middle School will have 8 Inside/Outside Doors using Mag Locks and/or Strikers). Bid should include and itemized list of all parts and labor required to install door access and program security management software, plus develop management screens for each school and Central Office IT.		
<b>SECURITY CAMERAS (34 Cameras - Please reference Drawing)</b>			
2	Camera 4 x 2MP, Multi-sensor, Auto - Indoor/Outdoor, 8MP(2MP x 4), H.265, Quad 2MP Multi-sensor camera, IP67, H.254,IK10, 4 x 3-9mm lenses, Auto focus. A camera license is required for Video Insight 7.2. or higher VMS software.	2	Each
3	Corner Mount	2	Each
4	Mounting Arm	2	Each
5	Mount Head	2	Each
6	Camera 3MP, IR, 30m - Outdoor, E-Series, 3MP, H.264, Mini Dome with IR. Motorized lens 2.7mm-12mm, IP67, IK10. A camera license is required with Video Insight 6.2.13 or higher VMS software.	10	Each
7	Wall mount	11	Each
8	Camera 4MP, IR, 50m - Outdoor, 4MP, H.265, Mini Dome with IR-50m, with 2.7mm-13.5mm auto-varifocal lens, IP67, IK10 rated including analytics. A camera license is required with Video Insight 7.2. or higher VMS software.	16	Each

9	Wall mount	16	Each
10	Camera 2MP, IR, 120m - Indoor/Outdoor 2MP, 26x Zoom with built in IR, 120db WDR, H.265, H.264, MJPEG, IP67. A Camera license is required with Video Insight 7.0 or higher VMS software.	2	Each
11	Camera 3MP, IR, 30m, w/MIC - Indoor/Outdoor, 3MP, H.264, Mini Vandal Proof Outdoor IP66, 2.8mm lens@F1.8, H.264/MPEG4/MJPEG, PoE, SD Card, IR-30m, audio input. A camera license is required with Video Insight 6 or higher VMS software.	3	Each

## **NORTH ELEMENTARY SCHOOL**

### **ENTERPRISE DOOR ACCESS (Please reference Drawing)**

12	County Wide Access Control Project -North Elementary School will have 12 Inside/Outside Doors using Mag Locks and/or Strikers). Bid should include and itemized list of all parts and labor required to install door access and program security management software, plus develop management screens for each school and Central Office IT.		
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### **SECURITY CAMERAS (19 Cameras - Please reference Drawing)**

13	Freestanding HDTV Video Encoder, 16 Channel, 30 FPS, H.264, 4 channel audio input (Encoder is ONVIF Compliant) 4 year advanced replacement warranty Includes Video Insight VMS software Licenses for all channels with unlimited SUP (software upgrade program) for all updates and major software releases.	1	Each
14	Camera 5MP, 360 - Indoor/Outdoor 5MP, IP68 rated, Fixed focal 360 camera, F1.19 mm @F2.0, Fisheye lens, H.264/MJPEG, PoE, 2592 x 1942 resolution, 15 fps, Progressive Scan CMOS, audio input via 3.5mm jack, MicroSDHC/ MicroSDXC memory card slot. A camera license is required with Video Insight version 6 or higher VMS software.	6	Each
15	Pendant Mount Kit	2	Each
16	Mini dome mounting kit	4	Each
17	Mini dome straight tube to be	2	Each
18	Camera 3MP, IR, 30m - Outdoor, E-Series, 3MP, H.264, Mini Dome with IR. Motorized lens 2.7mm-12mm, IP67, IK10. A camera license is required with Video Insight 6.2.13 or higher VMS software.	4	Each
19	Wall mount	4	Each
20	Camera 4MP, IR, 50m - Outdoor, 4MP, H.265, Mini Dome with IR-50m, with 2.7mm-13.5mm auto-varifocal lens, IP67, IK10 rated including analytics. A camera license is required with Video Insight 7.2. or higher VMS software.	9	Each

21	Wall mount	9	Each
22	Camera 2MP, IR, 120m - Indoor/Outdoor 2MP, 26x Zoom with built in IR-120m, 120db WDR, H.265, H.264, MJPEG, IP67. A Camera license is required with Video Insight 7.0 or higher VMS software.	1	Each
23	Camera 3MP, IR, 30m, w/MIC - Indoor/Outdoor, 3MP, H.264, Mini Vandal Proof Outdoor IP66, 2.8mm lens@F1.8, H.264/MPEG4/MJPEG, PoE, SD Card, IR-30m, audio input. A camera license is required with Video Insight 6 or higher VMS software.	1	Each

## **SOUTH ELEMENTARY SCHOOL**

### **ENTERPRISE DOOR ACCESS Please reference Drawing)**

24	County Wide Access Control Project -South Elementary School will have 12 Inside/Outside Doors using Mag Locks and/or Strikers). Bid should include and itemized list of all parts and labor required to install door access and program security management software, plus develop management screens for each school and Central Office IT.		
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### **SECURITY CAMERAS ((18 Cameras - Please reference Drawing)**

25	Freestanding HDTV Video Encoder, 16 Channel, 30 FPS, H.264, 4 channel audio input (Encoder is ONVIF Compliant) 4 year advanced replacement warranty Includes Video Insight VMS software Licenses for all channels with unlimited SUP (software upgrade program) for all updates and major software releases.	1	Each
26	Camera 5MP, 360 - Indoor/Outdoor 5MP, IP68 rated, Fixed focal 360 camera, F1.19 mm @F2.0, Fisheye lens, H.264/MJPEG, PoE, 2592 x 1942 resolution, 15 fps, Progressive Scan CMOS, audio input via 3.5mm jack, MicroSDHC/ MicroSDXC memory card slot. A camera license is required with Video Insight version 6 or higher VMS software.	6	Each
27	Pendant Mount Kit	2	Each
28	Mini dome mounting kit	4	Each
29	Mini dome straight tube to be	2	Each
30	Camera 3MP, IR, 30m - Outdoor, E-Series, 3MP, H.264, Mini Dome with IR. Motorized lens 2.7mm-12mm, IP67, IK10. A camera license is required with Video Insight 6.2.13 or higher VMS software.	3	Each
31	Wall mount	3	Each
30	Camera 4MP, IR, 50m - Outdoor, 4MP, H.265, Mini Dome with IR-50m, with 2.7mm-13.5mm auto-varifocal lens, IP67, IK10 rated including analytics. A camera license is required with Video Insight 7.2. or higher VMS software.	8	Each

31	Wall mount	8	Each
32	Camera 3MP, IR, 30m, w/MIC - Indoor/Outdoor, 3MP, H.264, Mini Vandal Proof Outdoor IP66, 2.8mm lens@F1.8, H.264/MPEG4/MJPEG, PoE, SD Card, IR-30m, audio input. A camera license is required with Video Insight 6 or higher VMS software.	1	Each

**OAKWOOD ELEMENTARY SCHOOL**

**ENTERPRISE DOOR ACCESS ( Please reference Drawing)**

33 County Wide Access Control Project -Oakwood Elementary School will have 8 Inside/Outside Doors using Mag Locks and/or Strikers). Bid should include and itemized list of all parts and labor required to install door access and program security management software, plus develop management screens for each school and Central Office IT.

**SECURITY CAMERAS (20 Cameras -Please reference Drawing)**

34	Freestanding HDTV Video Encoder, 16 Channel, 30 FPS, H.264, 4 channel audio input (Encoder is ONVIF Compliant) 4 year advanced replacement warranty Includes Video Insight VMS software Licenses for all channels with unlimited SUP (software upgrade program) for all updates and major software releases.	1	Each
35	Camera 5MP, 360 - Indoor/Outdoor 5MP, IP68 rated, Fixed focal 360 camera, F1.19 mm @F2.0, Fisheye lens, H.264/MJPEG, PoE, 2592 x 1942 resolution, 15 fps, Progressive Scan CMOS, audio input via 3.5mm jack, MicroSDHC/ MicroSDXC memory card slot. A camera license is required with Video Insight version 6 or higher VMS software.	2	Each
36	Pendant Mount Kit	2	Each
37	Mini dome mounting kit	2	Each
38	Mini dome straight tube to be	2	Each
39	Camera 3MP, IR, 30m - Outdoor, E-Series, 3MP, H.264, Mini Dome with IR. Motorized lens 2.7mm-12mm, IP67, IK10. A camera license is required with Video Insight 6.2.13 or higher VMS software.	4	Each
40	Wall mount	4	Each
41	Camera 4MP, IR, 50m - Outdoor, 4MP, H.265, Mini Dome with IR-50m, with 2.7mm-13.5mm auto-varifocal lens, IP67, IK10 rated including analytics. A camera license is required with Video Insight 7.2. or higher VMS software.	10	Each
42	Wall mount	19	Each

43	Camera 2MP, IR, 120m - Indoor/Outdoor 2MP, 26x Zoom with built in IR-120m, 120db WDR, H.265, H.264, MJPEG, IP67. A Camera license is required with Video Insight 7.0 or higher VMS software.	2	Each
44	Camera 3MP, IR, 30m, w/MIC - Indoor/Outdoor, 3MP, H.264, Mini Vandal Proof Outdoor IP66, 2.8mm lens@F1.8, H.264/MPEG4/MJPEG, PoE, SD Card, IR-30m, audio input. A camera license is required with Video Insight 6 or higher VMS software.	2	Each

**STONEY CREEK ELEMENTARY SCHOOL**

**ENTERPRISE DOOR ACCESS (Please reference Drawing)**

45	County Wide Access Control Project -Oakwood Elementary School will have 6 Inside/Outside Doors using Mag Locks and/or Strikers). Bid should include and itemized list of all parts and labor required to install door access and program security management software, plus develop management screens for each school and Central Office IT.		
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**SECURITY CAMERAS (14 Cameras - Please reference Drawing)**

46	Camera 5MP, 360 - Indoor/Outdoor 5MP, IP68 rated, Fixed focal 360 camera, F1.19 mm @F2.0, Fisheye lens, H.264/MJPEG, PoE, 2592 x 1942 resolution, 15 fps, Progressive Scan CMOS, audio input via 3.5mm jack, MicroSDHC/ MicroSDXC memory card slot. A camera license is required with Video Insight version 6 or higher VMS software.	1	Each
47	Pendant Mount Kit	1	Each
48	Mini dome mounting kit	1	Each
49	Mini dome straight tube to be	1	Each
50	Camera 3MP, IR, 30m - Outdoor, E-Series, 3MP, H.264, Mini Dome with IR. Motorized lens 2.7mm-12mm, IP67, IK10. A camera license is required with Video Insight 6.2.13 or higher VMS software.	5	Each
51	Wall mount	5	Each
52	Camera 4MP, IR, 50m - Outdoor, 4MP, H.265, Mini Dome with IR-50m, with 2.7mm-13.5mm auto-varifocal lens, IP67, IK10 rated including analytics. A camera license is required with Video Insight 7.2. or higher VMS software.	8	Each
53	Wall mount	7	Each
54	Camera 3MP, IR, 30m, w/MIC - Indoor/Outdoor, 3MP, H.264, Mini Vandal Proof Outdoor IP66, 2.8mm lens@F1.8, H.264/MPEG4/MJPEG, PoE, SD Card, IR-30m, audio input. A camera license is required with Video Insight 6 or higher VMS software.	1	Each

## Other Equipment, Storage, Documentation and Training

55	Cisco Catalyst 3650-24P Ethernet Switch Manageable 24 x POE+(390W) Stack Port 2 X Expansion Slots - 10/100/1000Base-T - Rack mountable with 640W AC Power Supply, IRU, LAN Base feature Set. Part # WS-C3650-24PS-L	8	Each
56	Dell 1.8TB, SAS 12GB 10K, 2.5in HDD drive to increase current video storage capacity in the SAN server.  and/or extended 12-HDs shelf for 3.5in Hot-plug drives (72TB total)	16	Each
57	Dell 6TB 7.2K RPM NLSAS 12GBPS 512e 3.5in Hot-plug drive to increase current video storage capacity in the surveillance server.	4	Each
58	Dell Memory Upgrade - 8GB - 1RX8 DDR4 RDIMM 2666MHz Dell part A9781927	8	Each
59	UPS Battery Backup system (10 hour) for switches network rack	5	Each
60	<b>On-site training on monitoring surveillance system (4 hours per site)</b>	5	
61	<b>On-site training on Access Control system (4 hours per site)</b>	5	
62	<b>Documentation for all new surveillance installed and moved equipment including camera configuration, drawings with locations, labels, etc (for each site).</b>	5	Each
63	<b>Documentation for all new Access Control installed equipment including door system configuration, drawings with locations, labels, etc (for each site).</b>	5	Each

### **NETWORK UTP CABLING COMPONENTS (Not limited to items below)**

64	Unshielded Twisted Pair, CAT6, 4 Pair, Plenum, Standard Cable, Green.
65	Category 6 Data RJ-45 Jacks, 568B, Green
66	2 Pt. Biscuit Box
67	CAT 6, 24 Ports, RJ45-110 Punchdown Patch Panel
68	Horizontal 2U Wire Mgmt. for Patch Panels & Switches

- 69 CAT 6, 1-3 Ft. Unbooted Patch/Drop Cables, Green.
- 70 Raceway - 3/4", 10 Ft.

## **SERVICES, LABOR, AND EXPENSES**

### **Security Camera Installation**

- 71 For Video Encoder - Installation and Integration Services, for Video Encoders and network connectivity:
- 72 For Video Encoder - Load camera configurations and training on use on Video Management Software for school monitoring, and camera configuration of analog cameras.
- 73 For Video Encoder - Look at each camera to gather Make, Model, Ser. No., and other info. to configuration management software.
- 74 Set Up and Installation Ethernet Security Cameras.
- 75 Drilling Holes through outdoor walls to mount Ethernet Security Camera.
- 76 Configure each Camera to work on IP Network and then load camera configurations in VideoInSight Enterprise Video Management Software.
- 77 Set Up and adjust Cameras for optimum viewing on monitoring screens and recordings.
- 78 Supervise and inspection of work regarding installation, configuration, and documentation. See list of documentation required.

### **Network Cable Installation**

- 79 Set Up and Installation of UTP Cable, Two People
- 80 Cable Termination of UTP Cables
- 81 Testing and Documentation. See list of documentation required.
- 82 Supervisor and inspection of work regarding installation and,configuration.
- 83 Miscellaneous Cable Tywraps, Labels, Drill Bits, Documentation, Per Diem, and Travel,etc.

**NOTE: To be considered, an electronic copy of the proposal must be received by David Useche via email ([duseche@caswell.k12.nc.us](mailto:duseche@caswell.k12.nc.us)) on or before the bidding closing date and time.**

**Bidding Closing Date: 06/12/2019**

**Time: 12:00 PM**