



Chickasha Public Schools 900 W. Choctaw Ave. Chickasha, OK 73018

Request for Proposal:

Sealed proposals for this project will be received by the Chickasha Public Schools until 2:00 PM local time on April 11, 2023 at the office of the Operations Manager located at 900 West Choctaw , Chickasha, OK 73018 at which time Bids will be publicly opened and read aloud.

A Mandatory walk-through will be required for this project. To schedule a walk through, contact Dan Turner, CPS Operations Manager. 405-850-5573 or dturner@chickasha.k12.ok.us. Walk-throughs must be completed no later than April 4th, 2023.

RFI's must be submitted in writing by 2:00 P.M. April 6th. All questions and answers will be answered and sent to all bidders of this project. RFI's will be answered by COB April 7th.

Bids must be submitted in a sealed envelope, in person or by mail addressed to:
Chickasha Public Schools
Attn: Dan Turner, Operations Manager
900 West Choctaw Chickasha, OK 73018.

All bids must be received prior to the bid opening time. Bids will not be accepted after the specified time and all late bids will be returned unopened. Any bid may be withdrawn prior to the above scheduled opening time. All proposals must be clearly marked with the name and address of the person, firm or corporation submitting a bid. All proposals must be sealed in an opaque envelope and plainly marked on the exterior of the envelope: "Chickasha Public Schools District Wide Security Upgrade".

Chickasha Public Schools reserves the right to accept or reject any or all bids, waive any informalities or technicalities therein, and to award in part or in the entire as they deem best serves the interest of the Chickasha Public Schools. Sealed bids are requested in terms of net delivered prices as per the Bid Conditions and Specifications. All submittals MUST be properly filled out and duly executed on the Official Bid Form with all spaces completed by the bidder. Any bid not submitted in this manner may be rejected.

The purpose of this project is to provide Chickasha Public Schools a complete and integrated security and emergency notification system for the entire district. The goal of this installation (or a majority) is to be completed over the summer and substantial completion to be done before school starts August 10, 2023. We understand the shipping and manufacturing delays, we will need to be notified of any delays when equipment is ordered.

Bidders shall prepare their submission in compliance with the instructions in this package and all bids must be submitted on the bid proposal forms provided in this package and other information required. Failure to do so may result in disqualification of your bid.



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Chickasha Public Schools reserves the right to reject any or all bids. Bid award will not necessarily be made on the basis of price alone; suitability to purpose, design, quality, past service, ability of vendor to deliver in a timely manner, or any other factor deemed to be in the best interest of the District may be considered.

Bids shall remain open and valid and subject to acceptance thirty (30) days after opening date unless otherwise stipulated.

Changes, by CPS, in the model specified or quality level purposes/and or specifications presented in the bid packages shall be made by written notice of change and will be e-mailed to the vendor holding contract documents. All changes will become part of the purchase order contract by this reference and all bidders shall be bound by such change, whether it was received by the bidder or not. Any required change orders will be line item listed by equipment and labor.

Bids may be withdrawn by the vendor, prior to the stated time of opening, but may not be withdrawn for a period of thirty (30) days.

The parties to any enduring purchase order contract shall be excused from performance thereunder during the time and to the extent that they are prevented from obtaining goods of performing services by acts of God, fire, strike, loss or shortage of transportation, facilities, lockout, power failure or reduction, commandeering of materials, products, plants, or facilities by the government, provided that: Satisfactory evidence thereof is presented to the District, and provided that it is satisfactorily established that the non- performance was not due to the fault or negligence of the party not performing. The scheduled completion date stipulated in the purchase order contract shall be adjusted by a period of time equal to such time lost because of the stated condition.

The successful vendor(s) shall furnish, deliver, and verify the proper functioning of the units in the quantities as designated by the District purchase order. All materials, supplies or services furnished under the contract shall be in accordance with the specifications or the sample furnished by the bidder and accepted by the District. Materials or supplies which are not in accordance and conformity with such specifications shall be rejected.

Within 15 days of the award of this project, winning bidder shall provide a schedule of installation for each building.

Due to the size of this project, the successful vendor shall have the option for a lease purchase agreement for the amount of work above and beyond the budget. Lease option must have up to 5 years with a one dollar (\$1) buyout at the end. There will be no exceptions given for this option.



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Billing:

1. Billing will be done with standard AIA G702/703 documents and will be billed on the 15th Of the month. Each building and system will be listed on the Schedule of Values Sheet matching the submitted bid.
2. Terms for payment are net 45 days from approved payment application. A weekly email listing the progress of each site will be needed to determine if payment application is accurate.

Bidding Requirements:

1. Provide complete equipment list for all systems, separated out per system, see bid form.
2. Sex offender affidavit
3. Non-Collusion affidavit
4. 5% bid bond

Customer furnished items:

1. Network capability to all buildings.
2. 110V power where needed
3. UPS backup

This project will consist of the following:

1. Access Control – Cloud Based
2. IP Video Surveillance – Cloud Based
3. Visitor Management – Integrated with access control and cameras
4. Network based Emergency Notification

For locations and quantities of equipment, see the drawings attached to this document. Winning contractor will be required to fill out all necessary bid documents herein.

The systems will be installed in the following buildings.

1. Administration Building – 900 W. Choctaw
2. Chickasha High School Complex– 101 John Cowan Dr.
 - a. Weight Room
 - b. Football Fieldhouse
 - c. Baseball Fieldhouse
 - d. Soccer Fieldhouse
 - e. Cheer Building – 100 N. 18th St.
 - f. Softball Fieldhouse
3. Chickasha Activity Center – 201 John Cowen Dr.
4. Lincoln Elementary School – 102 W. Dakota
5. Grand Elementary School – 1415 W. Grand Ave.
6. Bill Wallace Early Childhood Center – 2301 S. 16th St.



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7. Chickasha Middle School – 1000 S. 9th St.
8. Chickasha Adult Learning Center – 1208 S. 17th St.
9. Central Enrollment – 628 W. Kansas

Sub-contractors are allowed to be used, however winning bidder must provide a Project Manager to oversee the installation. In addition, all sub-contractor or sub-contractor employees shall be subject to all CPS required background checks and sex offender affidavit. CPS will provide adequate access to Facilities where the work will be completed. Work will be completed Monday through Friday 8am to 5pm, weekends are allowed upon approval of CPS Operations Manager.

- General:

1. Where applicable visit the site, verify all existing items shown on plans or specified, and be familiar with the working conditions, hazards, and local requirements involved. Submission of bids shall be deemed evidence of such visit. All proposals shall take these existing conditions into consideration before bidding.
2. All materials, unless otherwise specified, shall be new, free from any defects, and of the best quality of their respective kinds. All like materials used shall be of the same manufacture, model, and quality, unless otherwise specified.
3. Manufacturer's names are listed herein to establish a standard. The products of other manufacturers will only be acceptable if they meet ALL CPS requirements. These products must: be of equal or better quality than the features specified herein, will serve with equal efficiency and dependability, and satisfy the purpose for which the items specified were intended.
4. Contractor shall do all necessary cutting and drilling of present walls, floors, ceilings, etc., for the installation of new work; but no structural work shall be cut, unless specifically shown on drawings and/or approved by the Owner. All exposed building surfaces damaged by installation or removal of electrical work shall be patched and finished in the same materials and manner as adjacent areas by this Contractor.
5. Contractor shall coordinate their work with the CPS Operations Department for times during which changeover, removal of existing equipment, and new connections of existing systems can be completed.

Quality Assurance:

1. Manufactures: Firms regularly engaged in manufacture of integrated communication systems, timekeeping systems, and ancillary equipment, of types and capacities required, whose products have been in satisfactory use in similar service for no less than five years.



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2. Installer's Qualifications: Firms with at least five years of successful installation experience with projects utilizing integrated communications systems and equipment similar to that required for this project.
3. All items of equipment including wire and cable shall be designed by the manufacturer to function as a complete system and shall be accompanied by the manufacturer's complete service notes and drawings detailing all interconnections.
4. The Contractor shall be an established communications and electronics Contractor that has had and currently maintains a locally run and operated business for at least five years. The Contractor shall be a duly authorized distributor of the equipment supplied with full manufacturer's warranty privileges.
5. The Contractor shall have an office within 75 Miles of CPS and must respond to service issues within 4 hours of call for service.
6. The Contractor shall show satisfactory evidence, upon request, that they maintain a fully equipped service organization capable of furnishing adequate inspection and service to the system. The Contractor shall maintain at their facility the necessary spare parts in the proper proportion as recommended by the manufacturer to maintain and service the equipment being supplied.
7. Except where specifically noted otherwise, all equipment supplied shall be the standard product of a single manufacturer of known reputation and experience in the industry. The Contractor shall have attended the manufacturer's installation and service school and upon request must show proof of attending such a school.

Scope of Work:

1. Furnish and install all materials, labor, equipment, permits, etc., to provide systems as described herein and illustrated on the drawings for a complete operating system. Including, but not limited to all back boxes, conduit, wire mold or other raceway. Change orders will not be issued for additional raceway requirements.
6. All manufactured articles, material, and equipment shall be applied, installed, connected, erected, used, cleaned, adjusted, and conditioned as recommended by the manufacturers, or as indicated in their published literature, unless specifically herein specified to the contrary.
7. All work shall be performed by competent professionals and executed in a neat and professional manner providing a thorough and complete installation. Work shall be properly protected during construction, including the shielding of soft or fragile materials. At completion, the installation shall be thoroughly cleaned and all tools, equipment, obstructions, or debris present as a result of this portion of work shall be removed from the premises.
8. Program the operational characteristics matching the operation described herein, adjusting for video routing, call routing, transfers, priorities, volume levels and access levels..



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All existing paging speakers to remain, existing cameras will remain in place and will be removed by CPS Operations Department if so desired. Remove existing intercom stations and other equipment designated by CPS and give back to CPS Operations Department.

9. The Contractor shall provide a minimum of 2 hours of in-service training with each system. These sessions shall be broken into segments, which will facilitate the training of individuals in the operation of this system. Operator Manuals and User Guides shall be provided at the time of this training.

Access Control Specification: Cloud based

Cloud based access control systems shall be installed.

The following systems are acceptable:

1. Lenel Elements
2. Verkada
3. Avigilon
4. Other systems that meet specifications

Access Control Qualifications:

1. Must integrate with visitor management.
2. Must integrate with video Surveillance.
3. Must be able to lock down all doors from the management system.
 - a. Be able to receive a hardwired lockdown signal via relay and override any existing door schedules.
 - b. Must be able to have emergency override cards in case of lockdown.
 - c. Pull video stream from camera into emergency management software.
4. Each school principal must be able to log in and only see their system.
5. Access Control hardware does not have limitations around door counts
6. Access control system allows an unlimited number of Administrative Users. No additional software licenses.
7. Access Control system is managed through a secure web portal. Does not require any local area connection.
8. No port-forwarding needed to enable web access
9. Must be able to lock out remote access from manufacturer or integrator.
10. Minimum retention of 1 year for access control logs



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Workstations to be able to access information.

- Administration Building – 2
- Chickasha High School – 4
- Chickasha Activity Center – 1
- Lincoln Elementary School – 2
- Grand Elementary School – 2
- Bill Wallace Early Childhood Center – 2
- Chickasha Middle School – 2
- Chickasha Adult Learning Center – 2
- Central Enrollment – 1 – Badging

Provide badge making software, integrated with access control if possible or separate software is acceptable as long as it can print barcodes.

Power Supplies: as needed for each building.

Locking Hardware: See drawings for more information. Any existing door locks will be re-used.

Cards: Provide: 2000 printable Prox cards, cards must be able to have a barcode printed on back, provide slot punch.

Card Printer: Provide HID Fargo DTC4500e dual-sided card reader with Lamination or equivalent printer. Card printer to be installed at Central Enrollment.

- a. Provide 5 ECO YMCKOK Ribbon or equivalent
- b. Provide Cleaning kit, cleaning rollers, extra dual sided cleaning cards.
- c. Provide extra print head
- d. Provide blank Prox cards for practice designs

Lanyards: Provide 2000 custom lanyards –

- a. White lanyards, 3/4" wide with Chickasha Public Schools logo on both sides – see picture
- b. quick disconnect.
- c. Provide swivel snap hook for cards



Video Surveillance: Cloud based

The video surveillance system must integrate with the Access control system as well as the Visitor Management System.

Notification System and inputs for the access control system as needed.

There are several camera types, indoor domes, outdoor domes, multi-sensor, and 360 degree cameras. See drawings for quantity and locations. **All Cameras shall be NDAA compliant.**



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All indoor and outdoor cameras shall have the following specifications at a minimum:

- Dome and/or bullet cameras will be minimum 5MP.
- Multi-Sensor cameras will be a minimum of 20MP.
- 360 degree cameras will be a minimum of 12MP
- Provide all necessary mounting brackets, conduit and penetrations as needed.
- Cameras shall be a minimum of 24 FPS
- Minimum of 30 days of retention on the camera
- IK8 vandal resistant or above
- Day and Night viewing and recording capability
- Infrared illumination for night visibility
- Capability to record audio
- Built in hard drive capable of recording 30 days of continuous video - recording on movement only will not be considered
- Capability to perform computer vision analytics at the edge
- Native integration with vendor's own access controls and guest management system
- Ability to support AES256 encryption standards

Workstations: Web client licenses will be added to existing workstations if needed.

Administration Building – 2
Chickasha High School – 4
Chickasha Activity Center – 1
Lincoln Elementary School – 2
Grand Elementary School – 2
Bill Wallace Early Childhood Center – 2
Chickasha Middle School – 2
Chickasha Adult Learning Center – 2

The following analytics shall be provided either by camera level or software level. Preference will be given to camera level analytics:

- a. Forensic smart search that is able to retrieve video based on search perimeters, i.e, "Person in red shirt"
- b. Select areas of a view to let staff know of vehicles or persons in certain areas for a certain time.
- c. Face blurring

Visitor Management:

Provide Visitor Management system with drivers license reader that will integrate CPS is responsible for any power and wifi for the kiosks. Visitor management system must integrate with access control and



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video surveillance systems. Clever integration for tardies/early pick-up that AUTOMATICALLY push to Infinite Campus.

Provide the following.

Chickasha High School – Wall mounted kiosk with driver’s license reader
Lincoln Elementary School – Wall mounted kiosk with driver’s license reader
Grand Elementary School – Wall mounted kiosk with driver’s license reader
Bill Wallace Early Childhood Center –Wall mounted kiosk with driver’s license reader
Chickasha Middle School – Wall mounted kiosk with driver’s license reader
Adult Learning Center – Wall mounted kiosk with driver’s license reader

Administration and Management:

1. Preference will be given to “hybrid cloud based” systems that do not require the presence or management of any onsite hardware (other than cameras, door controllers, and check in system).
2. Provide multiple levels of system administration to accommodate different staff who will have varying roles viewing or managing cameras
3. Provide either SMS or email notification of critical system events (camera failure, tampering, etc.)
4. Provide ability to share live or historical footage of a single camera or group of cameras with a set of external contacts (e.g., first responders)
5. Provide the ability to filter based on date and time range in combination with the unique photo of a person’s face
6. System to have a mobile client or mobile device accessibility to securely access and view footage both on and off site at any time, and to conduct person/vehicle analytics via the mobile device as well
7. Archive video footage with unlimited storage and to be saved on the cloud indefinitely

Support and Maintenance for Camera, Access Control and Guest Management Systems:

1. Chickasha Public Schools requires an initial minimum five-year licensing and support with onsite support, with the option to continue annual support after the 5 year period has ended.
2. The vendor shall provide a detailed description of support offered, and the average response time for a support request
3. The vendor shall provide firmware upgrade to camera hardware during the period of operation
4. 10 year hardware warranty



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5. Support, maintenance and training needs to be offered by the manufacturer during the duration of the warranty period

Air Quality Sensors:

CPS has already installed HALO Air Quality Sensors throughout several schools. Provide 2 additional sensors and install in the 2 restrooms located in the basement of the PE Building at the High School, no substitutions.

Intercom, Paging, Emergency Messaging, Network End-Point System:

Provide and install a complete supervised network based intercom system for the entire district. Provide a system by Telecor or equivalent. Equivalent meaning that it shall have all of the listed features below.

The systems shall be able to be independent per facility and it must be tied-in to the Administration building for district wide paging and emergencies. See drawings for locations and quantities of devices. Contractor to provide all equipment as needed for a complete operational system.

The system shall utilize a decentralized network structure not requiring any head-end equipment, central server, or any other control hardware to maintain system operations. Systems utilizing centralized electronics and subject to a single-point-of-failure (power supply, CPU, server, power, etc) shall not be accepted unless the system has 100% duplication of centralized operating equipment running concurrently and can automatically take over, including up to the minute programming configuration in the event of a failure of the main system head-end electronics or any required, centralized electronics required to make the system fully operational. Systems that are not based on decentralized structure or systems that do not provide 100% duplication of head-end or systems that operate in a "down-graded" operational mode as the result of a centralized failure are not acceptable.

The system shall have the ability to notify administration from each classroom location via desktop or physical button that it has acknowledged lockdown or shelter in place alarms.

Provide necessary SIP devices in order to integrate existing VOIP system with the Emergency Notification System.

SUPERVISED INTERACTIVE GRAPHICAL USER INTERFACE – Provide master software at admin building for 2 workstations.

1. The system shall include an Interactive Graphical User Interface (subsequently referred to as IGUI). The software shall reside on the facility provided PC and should have ability to interface to District Wide Emergency Communication system located in district office.



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2. The IGUI shall be supervised and shall utilize an easy-to-use Graphical User Interface for quick and easy graphically aided navigation to access functionality for all intercom stations, paging zones, and program distribution sources. Emergency operations shall be simplified through the IGUI allowing stored audio files and alphanumeric messages for message displays to be activated from the IGUI. The IGUI shall allow common operations such as daily announcements to become simplified into single touch activated icons; removing multi-step console set ups and dial strings.
3. The voice device used to originate voice communication for the IGUI to selected locations shall be a system console, telephone handset, or microphone independent from the computer hosting the IGUI. The voice device shall remain functional and accessible regardless of the operational state of a computer supporting the IGUI.
4. The IGUI shall allow the creation of a custom operating screen(s) based on the floor plans of the facilities. Icons representing intercom stations, zones used for paging, tone distribution, textual Message distribution, and audio program distribution shall be incorporated onto the floor plans. The IGUI software shall provide:
5. The IGUI shall allow the creation of a custom operating screen(s) based on the floor plans of the facilities. Icons representing intercom stations, zones used for paging, tone distribution, textual Message distribution, and audio program distribution shall be incorporated onto the floor plans. The IGUI software shall provide: multiple routine call processing, including: hold, transfer, and forward
 - A. Activation of remote station auxiliary relays for applications such as door lock or release
 - B. Emergency functions
 - C. Paging
 - D. Audio program distribution
 - E. Customizable page elements
 - F. Customizable operating screen
 - G. Element library for emergency event icons
 - H. Initiation of emergency and non-emergency messaging, textual and audible
 - I. Remote station volume adjustment
 - J. Remote activation of do not disturb status and/or message waiting status
 - K. Remote station trouble indication
 - L. Remote station background music channel selection
 - M. Dynamic zone management for interactive on-the-fly console specific zones
 - M. Single touch emergency response (supporting both actual emergencies and drills) including but not limited to all or any combination of the following:
 - Live voice notification
 - Pre-recorded audio message



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- Digital plain text messaging with simultaneous numerically coded message capability
 - Remote system activation, i.e., access control systems, CCTV systems, door release systems, etc.
6. The IGUI must provide an efficient and reliable method of notifying the occupants within the facility of critical situations. A variety of emergency tone signals that reside within the intercom/paging system shall be activated by clicking on pre-programmed buttons on the IGUI screen, initiating the transmission of tone signals to speakers, and alphanumeric messages to message displays/digital clocks. A “lockdown” icon shall be designed as per Owner direction, with Owner selecting the appropriate tone. Whole building macros for emergency or off-normal response shall be built into the internal communication system as directed by the Owner. Each macro shall be capable of being activated by the console, the IGUI as indicated on plans or as directed by the Owner or AHJ. It shall be possible to activate a WAV file message or Owner selected tone coinciding with multi-language textual messages for distributions to zones as directed by the Owner, all from a single activation icon located on the IGUI. Other single action macros shall be activated in similar fashion via the IGUI and a custom-labeled icon. Plain language labeling of all icons on the IGUI shall be user changeable.

CONTROL INTERFACE c/w DESKTOP APPLICATION SOFTWARE – Provide 1 desktop application for each school.

1. The Control Interface shall be a Telecor model eCI or approved equal. It shall provide a Desktop Application for PC interaction with the Intercom and Paging system, a Command Interface Protocol for external system interaction with third party systems, Group Zone functionality, and a Scripting Engine supporting multiple sequential operations.
2. The system shall incorporate a Windows based Desktop application that makes use of a Command Protocol Interface, allowing external systems to interact with the Network Intercom and Paging System. Combined with the Scripting and Group Zones features, the Desktop application shall generate a preprogrammed series of operations from a single action. These features shall be used in conjunction with a graphical user interface and the Microsoft Windows desktop.
3. Default Scripts shall be used to generate customized shortcuts according to the needs of a facility. These shortcuts shall then be placed directly on the Windows desktop and shall activate virtually any Intercom and Paging function by clicking on the shortcut icon. These shall include activating:
 - a. Alerts, audio distributions, coded and plain text messages, intercom operations.
 - b. Pre-Recorded Evacuate, Lockdown, and All Clear audio files.
 - c. Companion text messages for audio alerts.
 - d. Coded messages on all secondary digital clocks and displays.



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4. The Desktop Application shall also activate SMS text messages, computer pop-up notifications, and email distributions in conjunction with any Desktop Script. Desktop Icons such as a Panic Button shall send SMS notifications to a crisis team, advance warning to building occupants through pop-ups to heighten the level of awareness.
5. Any Desktop location running the Application shall have the ability to create and send an instant message using the Desktop's keyboard any display. The textual message can be sent independently or as a companion message to an audible alert.
6. The Desktop Application shall be capable of utilizing Soft Call and Panic buttons. Soft Call buttons shall be created to operate as a call button on the desktop with a normal or emergency call priority. They shall also be combined with other preset or on-the-fly custom text messages. Panic buttons shall allow a user to unobtrusively activate an audio path from the panic button location to another eSeries device at a security location. This shall allow security personnel to listen to an occurring situation and provide the appropriate response.
7. The System shall be capable of streaming multiple audio programs over 10 available channels, simultaneously, to speaker locations in the facility. The ability to turn the broadcast on or off to a specific location shall be controlled from the Desktop Application.
8. A user from the Desktop Application shall enable or disable Do Not Disturb (DND) mode for a group of devices such as speakers or intercom stations.
9. Volume Adjustments to individual devices, devices in a zone, or all devices in the intercom and Paging System shall be made from the Desktop Application.
10. The Desktop Application shall be used to create a call directory to provide the user with the ability to quickly and easily place calls to a large number of prospective recipients and locations. The shortcuts shall be customized with the name of the call recipient or location. The call directory shall also contain shortcuts that activate message-waiting indications in addition to the option of placing calls.
11. The system shall interface with other external systems using a Command Interface Protocol. External systems include integrated security management or building management systems via devices such as computers, programmable logic controllers, or software based annunciator panels.



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12. The Command Interface Protocol shall be used to send real time commands and receive real time status messages between the third party system and eSeries devices. The Command Interface Protocol shall be an ASCII protocol that includes both outbound messaging, and support for inbound command via a virtual COM port and a physical USB connection.
13. Scripting shall allow operations to be carried out in sequence. Scripts shall be activated in various ways including: automatically based on the day of week and time of day, using an eConsole or a phone, or by using eDesktop, or from other scripts.
14. When scripts from an eConsole or PBX phone (via eSIP), the name of the script shall be displayed on the eConsole or phone. Then the user shall be presented with options to enable or disable the script (depending on the current state of the script). eConsoles and PBX phones that dial the script number shall hear voice prompts for enabling or disabling the script.
15. Scripts shall be used for scheduling time tone programs that include tones, pre-recorded messages, and textual messages displayed on e365-TB Message Display/Clocks reoccurring at specific times and days.
16. Scripts shall perform cascading evacuation operations where evacuation audio messages are automatically first distributed to zones closest to the location of an emergency before spreading outwards to other zones according to a time schedule, thus reducing evacuation route congestion throughout the facility.
17. Group Zones shall allow groups of page zones or devices to be defined as a group zone with a dial number. Group Zones shall be accessed from eDesktop, eConsoles or PBX phones.
18. Group zones shall be the destination for various functions including textual messages, or audio operations, such as pages or audio program distributions). Group zones shall be assigned customized names, which will appear on eConsole or phone displays when they are dialed.
19. Group Zones shall make it possible for a dial number to be forwarded to a different destination based on time and day. For example, common audio operations directed to a Group Zone dial number shall be configured to go to the usual destination during regular hours but to a different destination outside of regular hours.
20. Group Zone shall support designated priorities, such as emergency. Operations that are to a zone with a priority are automatically elevated to override any normal or lower priority operations the devices in that group zone are receiving.



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MOBILE QUICK ACCESS

1. The system shall include a Mobile Quick Access feature that allows staff members to quickly activate Emergency Notifications. (e.g. Lockdown) using mobile smart devices.
2. Notifications shall include the broadcast of pre-recorded audio announcements over the facility's public address speakers and textual messages to eSeries displays with a single activation.
3. The feature shall include emails and SMS messages that shall be delivered to custom lists of recipients.
4. Button options shall be customizable allowing staff a choice of notifications from their mobile device depending on the staff's authority.

Each classroom shall have the following:

1. Supervised Network Emergency display/talk-back speaker – must be supervised from the speaker to the POE Switch without additional modules. No analog speakers connected to an IP module will be acceptable.
2. Call-in/emergency buttons – monitored for call line failure and notify a designated console operator immediately.
3. Customizable Virtual call stations that reside on classroom PC's.
 - a. Must have ability to acknowledge classroom is locked down in an emergency.

Common areas will have the following, see drawings for locations and tap settings.

1. Common area speakers – Can be 25v standard speakers tied to an amplifier or module as needed.
 - a. Interior and exterior cameras will be on separate zones.
2. LCD Visual Displays – default to show time and date, in emergency, display as needed. Must be able to program other information, i.e, lunch menu, messages, etc. Displays shall be at least 21.5”.
3. Outdoor speakers – horn type paging speaker. Tap at minimum of 3W
 - a. Run minimum 16/2 stranded cable.

Contractor shall install any amplifiers with 20% spare capacity for future additions to the system

Cabling, Raceways and Connectivity:



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Connectivity – based on Leviton equipment, if proposing alternate solution, all parts must be substituted correctly. All network devices will be installed with a patch panel and patch cables. Plugging in a device to the switches directly is not acceptable. At the device end, provide terminated CAT6 female jack and patch cable as needed.

Cameras – Green CAT6 Non-Plenum

Emergency Notification to each classroom – Orange CAT6 Non-Plenum

- a. Common area speakers – 16/2 Non-plenum

Access Control IP controllers – White CAT6 Non-Plenum, if mounted close to the rack, provide White Patch Cable.

Each system will have its own separate network infrastructure. Do not mix camera and emergency notification drops on the same patch panel or POE Switch.

Provide POE Switches as required for all systems, provide TrendNet or equivalent. Netgear will not be Acceptable.

Patch panel: Leviton 49255-H24 24 port patch panel or equivalent. Label each port on the patch panel. Provide 3' Green patch cable at rack side.

Camera end: Provide 10ft extra cable coiled above ceiling. Install a Leviton 49223-CBC on the drop tile support if needed and 41089-1P and Leviton 61110-RG6 connector. If 49223-CBC is not needed, mount the 41089-1P to the wall above the ceiling. Furnish 6' green patch panel.

All 120-volt electrical requirements will be provided by CPS. Coordinate locations of panels with CPS Operations Department.

No raceway shall be located in proximity of hot water lines or excessive heat.

Where raceways cannot be run concealed in walls, use Wiremold Series surface raceway or EMT conduit complete with all fittings, box extension rings, and required accessories. Co-ordinate routing of surface raceways with the Owner.

Do not use any existing infrastructure to secure wiring to, i.e., conduit, ceiling supports, sprinkler pipes, etc.

Use j-hooks and Velcro to secure wire, wire ties will not be acceptable.

Racks, network equipment and UPS:

See the drawings for location of MDF/IDF, determine if additional racks are needed.

Provide separate POE Switches for surveillance system and for emergency notification system. Access control will be patched into the surveillance switches. UPS's are supplied by CPS.

Support and Maintenance for Intercom, Paging, Emergency Messaging, Network End-Point System:



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1. The Contractor shall provide a minimum five-year warranty on parts, labor and licensing of the installed system against defects in material and workmanship. All labor and materials shall be provided at no expense to the Owner during normal hours. The warranty period shall begin on the date of acceptance by the Owner.

Post Project:

Winning bidder to provide an additional 24 hours of programming to be done at the request of Chickasha Public Schools within 120 days of completed installation. Include any travel expenses required.

Bidders may include their own bid proposals in addition to the below. If you are not bidding on any specific system, write "NO BID" on the line.

Bid Checklist:



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- 5% Bid Bond signed and notarized?
- Non-Collusion Affidavit signed and notarized?
- Sex Offenders Affidavit signed and notarized?
- Vendor Specific Bid Form?
- Bid Sheet Filled Out?

Bid Sheet



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- Administration Building Access Control: _____
- Administration Building Video Surveillance: _____
- Administration Building Emergency Notification: _____
- High School Complex Access Control: _____
- High School Complex Video Surveillance: _____
- High School Visitor Management: _____
- High School Complex Emergency Notification: _____
- High School HALO Air Quality Sensors: _____
- Lincoln Elementary Access Control: _____
- Lincoln Elementary Video Surveillance: _____
- Lincoln Elementary Visitor Management: _____
- Lincoln Elementary Emergency Notification: _____
- Grand Elementary Access Control: _____
- Grand Elementary Video Surveillance: _____
- Grand Elementary Emergency Notification: _____
- Bill Wallace Access Control: _____
- Bill Wallace Video Surveillance: _____
- Bill Wallace Visitor Management: _____
- Bill Wallace Emergency Notification: _____
- Central Enrollment Access Control: _____
- Central Enrollment Video Surveillance: _____
- Central Enrollment Emergency Notification: _____