



Gulf Shores City Schools

300 East 16th Ave
Gulf Shores, AL 36542
Phone: 251-968-9873

March 27, 2025

Gulf Shores City Schools is soliciting offers for the products, goods, or services per the specifications stated in this document. Offers shall be submitted in a sealed envelope marked on the outside with the Offeror's name, address, solicitation number, and title "2025-01 INTEGRATED IP BASED CLASSROOM SOUND ENHANCEMENT SYSTEM"

Gulf Shores City Schools
300 East 16th Ave
Gulf Shores, AL 36542

Offers must be submitted in sufficient time to be received and time-stamped at the above location on or before the receipt/opening date/time indicated above. Gulf Shores City Schools will not be responsible for delivering mail from the post office nor any other delays encountered by hand delivery of Offers. FAX proposals and emailed proposals will not be accepted. Offers received after the receipt/opening time and date will not be considered.

Questions concerning this solicitation document should be addressed, in writing, to Chad Green, CSFO (cgreen@gsboe.org). Questions should be submitted no later than April 14, 2025, to allow sufficient time for responses prior to receipt/opening date/time. Responses to questions, other than administrative questions, will be provided to all potential Offerors by means of an addendum to the solicitation.

The attached "General Terms and Conditions" are an integral part of this solicitation and will become part of any resulting contract unless deviations/exceptions are requested by Offeror at time of response and accepted by Gulf Shores City Schools.

Please return the following;

1. Your Original Signed Bid Response;
2. One (1) hard copy of your original signed bid response, and;
3. One (1) labeled USB thumb drives.

All forms included as part of this solicitation must be completed and returned with Offeror's response. This solicitation is for a multi-year requirement as noted elsewhere in this solicitation.

The District is seeking to contract with the most highly qualified Respondent(s) for products and/or services related to providing: INTEGRATED IP BASED CLASSROOM SOUND ENHANCEMENT SYSTEM WITH SAFETY & INTERCOMMUNICATION SYSTEM. Any contract resulting from this solicitation will be awarded on the basis of demonstrated competence and qualifications to perform such services for a fair and reasonable price. See "Contract Documents and Order of Precedence" in General Terms and Conditions.

Gulf Shores City Schools

2025-01

Form A

Signature below represents that Offer is submitted.

OFFER MUST BE SIGNED

Company Name:	Submitter's Name/Title:
Address:	City, State and Zip Code:
Email Address:	Telephone No.
Submitter's Signature:	Date:

Gulf Shores City Schools

2025-01

STATEMENT OF WORK

BID NO: 2025-01

DATE FOR SUBMISSION: April 22, 2025 (2:00 PM)

TABLE OF CONTENTS

I.	Background
II.	Scope and Specifications
III.	Submittal Requirements and Proposal Format
IV.	System Requirements/Equipment
V.	Evaluations
VI.	Interpretation/Agenda
VII.	Additional Information
VIII.	“Responsive Bidder Criteria
IX.	Cancellation/Default of Contract
X.	Indemnity Provisions
XI.	Errors in Bids
XII.	Standards of Acceptance of Bid Proposal for Contract Award
XIII.	Compliance with Laws
	Exhibit I Offeror Affirmation Form
	Exhibit II Non-Collusion Affidavit
	Exhibit III Debarment Certificate
	Exhibit IV Vendor Registration Form
	Exhibit V Affidavit
	Exhibit VI Affidavit of Exceptions
	Exhibit VIII Minimum Contractor Qualifications
	Exhibit IX Support After Installation
	Bid Tabulation (Excel 2020 or newer)

Proposal Timeline (Estimated)

Issue RFP	March 27, 2025
RFP Due	April 22, 2025 (2:00 PM)
Advertising Dates	March 27- April 22, 2025
Questions Deadline	April 14, 2025
Questions Response	April 17, 2025
Anticipated Evaluation and Selection	April 22, 2025
Anticipated Approval/Award	April 24, 2025

Gulf Shores City Schools

2025-01

Ladies and Gentlemen:

Gulf Shores City Schools takes this opportunity to announce that we are requesting bids for an INTEGRATED IP BASED CLASSROOM SOUND ENHANCEMENT SYSTEM WITH SAFETY & INTERCOMMUNICATION SYSTEM at the following locations:

*Gulf Shores City Schools
300 East 16th Ave
Gulf Shores, AL 36542*

All bids should be delivered to Gulf Shores City Schools (300 East 16th Ave Gulf Shores, AL 36542 by 2:00PM)

Bids will be accepted prior to 2:00 PM on April 22, 2025, at which time they will accepted for review by the Business Office.

All bids will be evaluated as described in the attached document. Time is of the essence and any bids received after the announced time and date for submittal whether by mail or otherwise, will be rejected. The time of receipt shall be determined by the Purchasing Department.

Late bids received will be so noted in the bid file in order that the vendor's name will not be removed from the subject commodity/service list. Late bids will not be considered.

If you have any questions concerning this bid, please submit them in writing via email. In addition, all communication relating to this bid solicitation, either before or after the bid opens, must be coordinated through the Business Department. Your interest and participation in submitting a bid will be appreciated.

*Chad Green
Chief School Finance Officer*

Gulf Shores City Schools

2025-01

Gulf Shores City Schools extends this offer to submit a bid for the services being requested within this RFB. Please ensure you are able to meet the specifications for EVERY area as requested.

Vendors must attach an original and duplicate copy/copies of the bid response. Label each bid as “Original” and “Duplicate” at the top of the first page.

Bidder must indicate below whether his or her bid is in complete compliance with the stated specifications. If there are any deviations from the specification, bidder must indicate in writing what the deviations are and must submit with his bid complete description literature on the items bid.

____ Bid is in complete compliance with the bid specifications

____ Bid deviates from stated specifications as follows:

Merchantability & Quality:

Seller warrants that the goods will be merchantable quality, free from defects in materials and workmanship, and will conform to the descriptions and specifications contained in this document and in seller’s catalogues, products, brochures, and other representations, depictions, or models for the goods.

Specify your warranty/guarantee beyond that stated above. Provide a clear description of warranty/guaranty service offered and duration of service (i.e. on site, call tag service, parts and labor included, parts only).

State specifically how you would handle warranty service (i.e., vendor on site pick up, Gulf Shores City Schools to mail to manufacture, etc.)

Exclusion of Trade Usage:

This document contains all the terms, conditions, obligations, to which the parties have agreed and shall not be modified, controlled, explained, supplemented, or affected in any way by any usage of trade not expressly included in this agreement.

Term of Contract:

The successful vendor(s) will enter into an annual contract for Catalog/Discount Vendors. The initial contract period shall be effective upon Board approval and be firm for one (1) year from the date of the award. The contract, upon agreement of both the successful vendor(s) and Gulf Shores City Schools, shall automatically extend for two (2) additional one (1) year periods. Gulf Shores City Schools, has the option to extend this RFP at the end of the performance period for up to 120 days if determined to be in the best interest of the district to ensure availability of products and/or services. Gulf Shores City Schools has the option to issue subsequent RFPs as needed. The district reserves the right to award multiple Contractors to achieve the best value.

Gulf Shores City Schools is accepting proposals for Catalog/Discount Vendors. Proposals shall include all labor, materials, superintendence, tools, and equipment necessary for completion of assigned work, in accordance with the instructions, terms and conditions, and requirements/specifications contained in this agreement. Proposers are requested to include pricing/discounts on the basis of these specifications. A Pricing/Discount Proposal must be submitted for each commodity listed.

Gulf Shores City Schools

2025-01

I. BACKGROUND:

We are currently seeking a qualified contractor to provide INTEGRATED IP BASED CLASSROOM SOUND ENHANCEMENT SYSTEM WITH SAFETY & INTERCOMMUNICATION SYSTEM AS SPECIFIED IN THIS DOCUMENT at the following locations:

Gulf Shores City Schools

EQUIPMENT AND INSTALLATION METHODS MUST MEET THE APPROVAL OF THE DISTRICT STAFF BEFORE ORDER IS ISSUED.

II. SCOPE AND SPECIFICATIONS:

The procurement office, on behalf of Gulf Shores City Schools would like to extend a formal offer to all qualified contractors according to the specifications indicated within this RFB. Please review carefully all sections of the RFB, including the Mandatory Pre-Bid Meeting, along with the Closing Date and Time. **This bid is for future use, we may award all schools at one time; or we reserve the right to award based off the need of the district. However, we are seeking pricing for "Each" entity.**

- The work covered by this section of the specifications shall include all material, labor, hardware, software, firmware, and programming to install a completed and operating system as described herein. The system shall utilize the schools shared data network, and not require the use of any proprietary switches, routers, or other network components. The physical network components shall be provided by the owner or the contractor, the scope of this document does not include the physical network including switches, routers, or network cabling. Beyond the shared data network hardware, the rest of the system shall be complete with all necessary materials, labor, hardware, software, firmware, and programming specifically tailored for the installation. It shall be possible to permanently modify the software on site by using a system administrator software network interface.
- The intent of this specification shall maximize communications between the classroom and administrative areas utilizing VoIP (Voice over Internet Protocol) Technology while enhancing school safety and reducing maintenance, operational, and installation cost. Intended system shall integrate seamlessly as a complete system for local sound reinforcement as well as supporting intercom, paging, and bells functionality.
- Under this specification, the system shall provide a complete VoIP Communication System for all classrooms and flex spaces. An analog solution using speakers and volume controls in the offices, corridors, exterior locations, restrooms, gymnasium, cafeteria, and ancillary support buildings shall also be part of this project.
- System shall support strobes or Visual Messaging Displays to alert of notifications as an integrated component of the system.
- The Communication System shall provide VoIP or network distribution of intercom, overhead paging, emergency paging, class change time tones, emergency tones and program material. The system shall also support visual messaging that will match the audible messages from the system included automated setup of the devices.
- Any and all miscellaneous materials, labor, hardware, software, firmware and programming that is not listed in the specification section that is required to provide a complete and operating system shall be provided as part of the scope of work for this installation.
- The work covered by this section shall be coordinated with any and all trades that are affected by the installation of this system. All work shall be complete and as required and specified elsewhere under these project specifications.
- All the actual required system components and cabling are not shown or specified as this carries between acceptable manufactures and suppliers. It shall be the responsibility of the contractor to obtain this information from the acceptable supplier and or manufacturer and include the cost of the same in their bid.
- The ability to be distributed via a fiber 10/100/1000Mb switched, VLAN enabled network or 10/100/1000Mb switched stand-alone intercom network. It shall be possible to eliminate the need for copper feeder cables between the Main and Intermediate distribution frames using fiber optic cabling.

Gulf Shores City Schools

2025-01

- Shall have SIP (Session Initiation Protocol) Integration to connect all talk-paths to the VoIP phone system of choice. This shall support registering as an extension on the system or through the use of a SIP Trunk.
- The system shall provide the ability to support a SIP tunnel from the building's VoIP phone system to provide two-way communication from all administrative telephones to any location equipped with a talkback speaker or audio system with room microphone.
- System shall interface with any VoIP telephone system using SIP type integration thus allowing the school(s) to upgrade or replace their telephone system without suffering a requirement to replace, or lose any feature of, their internal communications (intercom) system. Any system that limits system features based upon any selected telephone system and is not SIP based shall not be acceptable.
- The system shall have the ability to call 911 from the classroom as a part of the intercom communication system giving opportunity of messages to identified individuals or groups.
- System alerts must be able to be self-configured and triggered from both classroom and headend. Alerts for example are medical, lockdown, evacuation, hold in place, disturbance, etc.
- Automatically sound a tone or play a pre-page WAV file over any loudspeaker connected for two-way communication to alert the classroom teacher that this 2-way call has been established. This is intended to prevent unauthorized monitoring.
- Distribution of emergency announcement(s) from any authorized telephone to all areas furnished with a loudspeaker. Emergency announcements shall have the highest system priority
- Distribution of general announcements from any administrative telephone, staff telephone, or classroom telephone. The system shall be capable of providing all-call, group call, or multiple group call.
- Classroom speakers or audio systems with room microphone shall be software assignable to unlimited paging groups.
- Provide the ability to define and archive unlimited schedules with up to three hundred (300) events per schedule. Each scheduled event shall be capable of activating included tones or playing custom audio/voice phrases or controlling any I/O port on a system network interface for building control and scheduled along with a bell. Schedule administration, modification and creation functions shall be available through web access on remote computers and mobile devices.
- System shall automatically make audible messages display on scrolling LED displays as needed with no additional programming.
- System shall support a strobe light to be used in conjunction with audible messages for loud areas.
- The system shall provide an administrative console for the front office, consisting of a touch screen interface no less than 22" diagonal interface.
- The system shall support CAP and allow for API interoperability such as gunshot detection, weapon detection, vape detection, and other 3rd party hardware.
- The User Interface shall be map based and support full touch operation. The manufacturer shall provide the ability to take a map in any format, including paper copy, PDF, Visio, etc. and create from that the map used for the primary user interface. Non-map-based User Interfaces will not be considered.
- The WAV or MP3 files shall be activated via the administration software, telephone and / or telephone system and / or pushbuttons.
- The system must allow 3rd party IP Cameras integrations into the system map to display during emergency events.
- The system shall be capable of dynamic room/zone paging.
- The WAV or MP3 files shall be programmable as to what level of priority they can be broadcast. They shall be programmable as to override any class change tones, normal all call, music, and intercom in the event of an emergency.
- The WAV or MP3 files shall also have the ability to be broadcast into any one or all of the zones with the system. Simultaneous playback of different audio to different zones must be possible.
- The WAV or MP3 files shall have the ability to be broadcast via a schedule for any day of the week or time of the day. They shall also have the ability to be broadcast for any duration of time and repeat number of plays with the ability to select how long the duration is between each repeated broadcast.
- The WAV or MP3 files shall also have the ability to be a part of the classroom change tones within the system. These files shall be able to replace any tone within the class change schedules as to offer the flexibility of customizable tones and or phrases in this class change mode.
- It shall be possible without the cost of additional hardware/software to incorporate a LAN / WAN district wide paging system by means of the built in VoIP district Paging Adapter or district software. This adapter shall give the district the ability to page each school independently, as a group of schools, or all schools.

Gulf Shores City Schools

2025-01

- The system shall be capable of automatically listening into a classroom in the event of an alert or lockdown.
- The system shall allow for the integration of changeable message signs to support bells and notifications. These signs shall be multi-color, multi segment LED scrolling displays and powered and controlled via a network PoE+ (Power over Ethernet) connection.
- The system shall also allow for the integration of third-party system through the use of contact closure, TCP (Transmission Control Protocol) communication, RS-232 communications and HTTP (Hypertext Transfer Protocol) communications.
- The system shall support and allow for device managed within the system itself including device discovery, automated programming and automated assignment to rooms and zones.
- System must support device programming templates per device per site and support making individual adjustments to those templates on a per device basis and that setting would supersede the template for that device only.
- System shall support monitoring and upgrading firmware of supported devices.
- System shall support management of IP based PoE+ visual message displays and automate the programming of devices through the interface including automatically applying visual messages for bells and notifications without the use of a secondary application or software.
- The system shall support door status monitoring with alerts and warning based on defined times. There must be the ability to bypass reporting based on bell schedules and special events.
- The system shall support an automated commissioning function that allows the system to be placed into a test mode and monitors and reports the commissioning status of the devices.
- System shall support a district server that will allow for management and monitoring of all schools in the district. Server must support physical and virtualized server deployments. The district central server will allow for centralized paging to entire district, groups of schools or individual schools. Server will support the ability to record and preview the page before it sends to the sever. Server will also support sending notifications to a school, group of schools or entire district. Server will support defining associated campuses for schools to automate events and notifications at those sites. Shall support centralized reporting of alerts and allow to directly interact with alert. Server interface shall be map based and support nested maps allowing for closer detail on an area or grouping of schools. District server shall support monitoring servers and devices at campus and alert via UI on any degraded or offline devices. Server shall support direct access of campus servers through single pane of glass and will not require authenticating into individual sites.
- The system shall support live translation in multiple languages, allowing real-time audio from the teacher's microphone to be translated and transmitted to students' one-to-one devices. Students shall be able to join the session by scanning a QR code or entering a session code.
- The system shall support the use of a BLE-enabled Badges with dual activation buttons. Activation of Badge buttons shall be customizable within the EPIC platform. The Badge shall have a battery life of up to five years to ensure long-term reliability.

III. SUBMITTAL REQUIREMENTS AND PROPOSAL FORMAT

A. Proposal Requirements

1. In addition to the requirements listed in other sections of this RFP, proposals shall be submitted by section as instructed below. The respondent agrees and shall comply with all provisions and specifications stated in this RFP unless otherwise stated in the Exceptions section. Any additional costs or factors to meet a specification or requirement must be noted in the Exceptions section. Failure to respond to these requirements may result in the proposal being considered non-responsive and not meeting the specifications of this RFP. Proposals that are deemed non-responsive or not meeting the specifications shall NOT be evaluated for consideration.
2. Executive Summary/Overview
 - a. Provide a brief profile of your company.
 - b. Provide the overall qualifications of your company to provide the services requested. Illustrate experience with projects of similar size and complexity.
 - c. A written summary of the understanding of the scope of work to be performed (for every proposal/system being submitted).
 - d. Technical summary of the system proposed, including details about any “value add improvements” over and above the base requirements (for every proposal/system being submitted).

Gulf Shores City Schools

2025-01

3. Pricing
 - a. Pricing spreadsheets in MS Excel 2020 or later, with the following columns:
 - i Quantities
 - ii Part numbers (OEM part numbers for all manufacturer proposed line items, respondent part numbers for professional services only line items)
 - iii Unit price
 - iv Extended price
 4. Contractor and System Requirements
 - a. Include data sheets/cut sheets for all major hardware and software components being proposed
 5. Installation Methodology
 - a. Data collection
 - b. Developing design documents with an emphasis on modern configuration practices to leverage newer features
 - c. Testing, cuts, and go-lives
 6. Quality Control Plan
 - a. Respondent shall provide detailed company Quality Control procedures, examples of QC plans/results, and checklists, etc.
 7. Support, Qualifications, and References
 - a. Qualifications narrative
 - b. Resumes of key team members that shall be assigned to District Name
 - c. Individual Certifications
 - d. Company Certifications, including partner levels and specializations
 - e. Support Capabilities
 - f. References
 8. Exceptions, Assumptions, and Clarifications
 - a. Failure to include any exceptions, assumptions, or clarifications shall indicate that respondent agrees to all requirements, specifications, terms, and conditions in the RFP.
 9. Value-add to the District
 - a. Describe any value-add that the Respondent offers to the District as a part of the respondent's proposal. The District encourages Respondents to be creative and consider solutions or items that will highlight the Respondent's level of partnership and engagement to District Name Here.
- B. Alternate Proposals - In addition to the base proposal, Respondents who wish to submit an alternate proposal may do so. Alternate proposals shall clearly describe the proposed changes and include any price changes from the original base proposal. Alternate proposals shall be submitted on a separate document and/or thumb drive.
- C. Submittal of Qualifications - Respondents shall submit experience and qualifications as described in the RFP. Additional information may be submitted as appropriate to describe the Respondent further and provide product capabilities.
- D. Minimum Contractor Qualifications - This form (Exhibit VIII) shall be completed and delivered with the Proposal response. The response shall also include references and required certifications and/or trainings for the systems being proposed. Respondents not meeting these requirements may not be considered.
- E. Pricing
 1. Provide a Pricing Summary showing model/part number, description, and quantity for all components proposed, in summary. Respondent shall provide this information in the pricing summary Microsoft Excel spreadsheet included. Successful contractors shall provide detailed unit pricing, extended pricing, and list pricing and include all required installation, training, and other service expenses. See the section "Proposal Requirements."
- F. Support After Installation (Exhibit IX)
 1. How many service personnel trained in maintaining the proposed systems does Respondent employ in the District's area? Please indicate the location closest to the District.
 - a. Trained Service Personnel: _____

Gulf Shores City Schools

2025-01

- b. Location: _____
2. Provide the address of Respondent's service center(s) closest to the District:
Company: _____
Address: _____
Telephone Number: _____

G. Project Team

1. Provide resumes of key team members, including Project Manager, that will be assigned to the project (including previous projects, certifications, and number of years employed).
2. Provide proof of manufacturer's certification for individuals listed above. All certifications must be current and valid.
3. See the section "Proposal Requirements."

IV. SYSTEM REQUIREMENTS/EQUIPMENT

A. INTERCOM PAGING SYSTEM:

1. The system shall be a software-controlled system, whose primary interface is a web-based portal, accessible from any authorized computer. The system shall support being deployed on physical server hardware or through virtualization on the customer's hardware. For the physical server, the system shall utilize a 1U rack server, operating as an appliance, dedicated to the operation of the IPB (Intercom Paging and Bells) & SAFE (Signal Alert For Education) SystemTM only. The rack server shall have industry standard redundancy, including RAID1, Dual Power Supplies, and hot swappable hard drives. The entire system shall be Linux based. If virtualized the system shall support VMWare ESXI version 6.5 or later.
2. The system shall be based on standards compliant SIP and RTP communications across the network and shall allow direct Trunk Integration to the VoIP telephone system.
3. The system shall provide a simple calendar-based scheduling system for bells. It shall provide the ability to have an unlimited number of bell schedules.
4. The system shall provide a map-based User Interface. All major functions, including Intercom, Paging, Notifications and Alerts shall be done using the map as the foundation for those actions. Paging shall clearly show on the map where the page audio will be transmitted to.
5. Bell Schedules shall be easily assigned to days and changed simply with authenticated access to the system through any browser-based device. Bell schedules shall be able to be changed even if a current schedule is active in the system same day and apply immediately.
6. The system shall support utilizing a shared data network and support VLAN [Virtual Local Area Network] enabled or dedicated network as means of distribution for all voice overhead paging, emergency paging, emergency tones, intercom, and class change tones. System shall support routing of traffic across multiple subnets and network segments.
7. The system shall be capable of accessing remote classrooms (trailers, temporary classrooms etc.) via IP interface or room audio system with room microphone. This shall provide intercom, class change tones, emergency tones, and normal / emergency paging via a wired network to these remote locations.
8. Exterior speakers shall be capable of being on separate zones and programmed separately.
9. The system shall have the ability to synchronize to the same NTP server utilized for the Master Clock system.
10. The system shall have the ability to produce user defined tone signals for time tones or emergency tones.
11. The system shall have SIP Integration to connect all talk-paths to the VoIP phone system of choice.
12. The system shall provide the ability to support a SIP trunk from the building's VoIP phone system to provide two-way communication from all administrative telephones to any location equipped with a talkback speaker or audio system with room microphone.
13. The system shall interface with any VoIP telephone system using SIP type integration thus allowing the school (s) to upgrade or replace their telephone system without suffering a requirement to replace, or lose any feature of, their internal communications (intercom) system. Any system that limits system features based upon any selected telephone system and is not SIP based shall not be acceptable.

Gulf Shores City Schools

2025-01

14. The system shall provide its own SIP environment, and in the case of a failure of the schools VoIP telephone system, be capable of operating completely independently for all functions, save access from the handsets connected to the schools VoIP system.
15. The system shall not be reliant on WAN or internet connectivity for operation.
16. The system shall provide web access, which will give ability to monitor operations and functions of the system.
17. The system monitors the status of all connected devices for health, SIP connectivity and connected devices including the XD receiver. If a device becomes in a degraded or offline state, the system will monitor a technical contact via email and or SMS as well as show status on the map of the console.
18. The system shall provide web-based off-site programming and diagnostics of the system. It shall also be capable of determining basic circuit faults.
19. The system shall have a Web based administration programming tool which allows the administrative personnel to easily manage Audio Sources, Class Change schedules, paging groups, time updates, holiday schedules and day/night mode operation from an internet browser. System shall support HTML5.
20. The system shall provide calendar-based scheduling up to four years in advance. The system shall be capable of displaying a fully year calendar and differentiating which bell program is scheduled to run on each day. The calendar shall be based on a standard school year and provide a selectable start month for example, it can be configured to run from August to July.
21. The system shall be capable of being fully integrated with the school's existing LDAP (Lightweight Directory Access Protocol) or Active Directory system. Systems that do not provide LDAP or Active Directory integration shall not be considered.
22. The system shall provide discreet control over roles for the system. Roles shall be definable down to the individual feature level and provide the district with the ability to restrict or grant access to any roll individual features or groups of features.
23. The system shall provide web browser access to the system specifically for a teacher. Teacher access shall be assigned through LDAP or Active Directory. The Teacher screen shall provide information specific to the room that the teacher is assigned to. That information shall consist of, but not limited to, the next scheduled event for the room (Bell, Announcement, etc.), Audio/Visual Controls for their classroom technology, Teacher Name, Room Number, an Intercom Call button, and an Emergency call button.
24. The system shall have the ability to carry IP Communications to the edge of the classroom Audio/visual Systems. It shall be able to control connected A/V Devices, provided that those devices are controllable by RS-232
25. The system shall be based on a database structure, utilizing a robust commercially available database such as SQL (Structured Query Language).
26. The system shall provide 2-way handsfree communication in each classroom.
27. System Classroom and Common Zone network interfaces shall be capable of utilizing standard Cat 6/6a infrastructure for installation from the Telecommunications Closets only to the classroom and/or zone, thus allowing for only one type of wiring infrastructure within the school. Distribution of all voice signaling shall utilize a shared or dedicated network. Systems that require homerun, dedicated, 18 gauge shielded wiring shall not be acceptable.
28. The system shall provide a flexible and robust event engine. In addition to pre-programmed events and actions, the event engine shall be capable of accepting Java-based programming to accomplish advanced integrations and functions.
29. The system shall automatically broadcast page emergency instructions throughout an entire school when an alarm (e.g. lockdown, lockout, security, fire) is tripped or manually activated. The emergency instructions shall be preprogrammed and require no user intervention. The system shall provide redundant alarm annunciation over intercom/paging speakers and is not meant to replace primary fire alarm or security systems.
30. The system shall provide the ability for the school to upload their own recorded files for both Bell Tones, and Notifications
31. The system shall provide the ability to initiate school safety paging announcements, evacuation tones and take cover tones from any telephone within the facility or outside the facility to any other location within the facility or district.
32. IP-enabled two-way voice communication shall be available from any provided telephone or administrative console through any speaker in the system. This shall allow hands-free

Gulf Shores City Schools

2025-01

- communication to any classroom or any individual loudspeaker unit. A pre-announce tone shall sound immediately before the intercom path is opened.
33. The system shall provide for a complete personal alert function for each teacher. The alert functionality shall be an integrated part of the administrative head end software and shall not require any separate application or hardware to support this functionality.
 34. The teacher personal alert functionality shall be integrated into the classroom microphones and the teacher web screen.
 35. The system shall be capable of displaying on the map the location of the alert in the case of a microphone that is within range of its paired receiver, or from the teacher's web access screen. The system shall also be capable of approximately locating the location of the alert in the case of a microphone that is not in range of its paired receiver. A system, either the microphone system, or the administrative system that is not capable of receiving an alert from a microphone that is not within range of its paired receiver shall not be considered.
 36. Upon alert, the system shall have the ability to provide notification on the dedicated console at the front office, or on any other computer which is currently logged into the administrative interface and has the appropriate credentials. The system shall provide both an audible tone, and a change on the screen that clearly indicates that an emergency alert has been received.
 37. Upon alert, the system shall also be capable of sending e-mail and SMS Text messages to the designated school personnel. These alerts shall include a web link to the administrative console.
 38. If cameras are installed in the classrooms, the system shall be capable of showing a live video from the classroom that received an alert. This shall only be shown in the case of an alert where the microphone is within range of its paired receiver.
 39. The system shall have the ability to acknowledge the receipt of the alert by changing the indicators on the classroom microphone receiver in the room where the alert was received from. In the case of an alert received from a microphone not in range of its paired receiver, no acknowledge shall be sent.
 40. The system shall have the capability of maintaining a record of all alerts that are received and provide appropriate school personnel the capability to enter information about the alert, which shall be maintained in the systems database. That information shall also be made available to appropriate school personnel in the form of a report that shows all alerts that have occurred, their date, time, and the end alert information.
 41. The system shall contain a rules-based integration engine that allows for input of TCP, HTTP, or Serial Data and allows for the parsing of data for actions or triggering other systems via TCP, HTTP or Serial.
 42. The system shall support digital message displays that provide visual feedback in the form of scrolling messages via an LCD or LED display all controlled from the network.
 43. The system shall allow for integration into classroom audio system including teacher microphone as required by design. This includes integration to ensure that system notifications, pages and intercom calls take priority over classroom audio sources.
 44. The system must include perpetual licensing and include all in version software upgrades at no additional cost.
 45. The base functionality of the system including the map interface, intercom, paging, bells, classroom audio control, SAFE System and Event engine must be part of the base licensing of the product and not require additional licensing.
 46. The system shall have the ability to control signage displays for display of clocks, messages, digital signage, countdown timers as well as allow for automated messages to be displayed automatically for notifications.
 47. The system will allow for the building of clock signs, message signs as and notifications signs using the HTML EPIC interface allowing for using predefined templates and assets.
 48. Clocks and emergency signs shall be a onetime perpetual license.
 49. Server software shall require end user to create complex unique passwords for each system on first use. Systems that allow for generic or repeated passwords will not be acceptable.
 50. System shall utilize a visual based event editor to define custom actions, inputs, and outputs.
 51. System shall support connection to District View Server for centralized management and licensing and services must be included as part of the system to support that connection, integration and programming.
 52. The system shall support live translation in multiple languages, allowing real-time audio from the teacher's microphone to be translated and transmitted to students' one-to-one devices. Students shall be able to join the session by scanning a QR code or entering a session code.

Gulf Shores City Schools

2025-01

53. The system shall support the use of a BLE-enabled Badges with dual activation buttons. Activation of Badge buttons shall be customizable within the EPIC platform. The Badge shall have a battery life of up to five years to ensure long-term reliability.

B. INTERCOM PAGING SYSTEM NETWORK INTERCOM INTERFACE:

1. Shall allow users to install intercom paging systems spanning multiple building or facilities connected through a VLAN.
2. Network Requirements:
 - a. 100/1000 Ethernet switch port configured on a dedicated VLAN.
 - b. Systems requiring a specific network or subnet size are not allowable.

C. INTERCOM PAGING SYSTEM POWER:

1. All Network interfaces used in the classroom and for the common zones shall be powered via PoE+ from the district provided network switches.
 - a. PoE+ switches and network cabling from MDF (Main Distribution Frame) and IDF (Intermediate Distribution Frame) to devices provided by others.
2. All network switches shall include an uninterruptable power source to provide adequate runtime. In the event the school has a generator the UPS systems shall hold the switches long enough until generator power can be provided. Customer to provide all necessary UPS for network switches.

D. INTERCOM PAGING SYSTEM ADMINISTRATIVE KIOSK:

1. The administrative Kiosk shall be customizable, flexible and provide full access to the intercom paging system.
2. Kiosk shall be embedded Android OS into the touch screen and only display the intercom interface.
3. The supplier is required to provide a dedicated touch screen Kiosk for the front office, with a minimum size of 22" Diagonally. The Kiosk shall not require the district to provide any additional hardware, software, or licensing. The Kiosk shall also provide a boom microphone attached to the screen that wires directly to the Kiosk.
4. Administrative access to the system shall be browser based and shall also be capable of being any administrative computer.
5. Functionality to provide full access to all features such as all call, paging groups, emergency tones, control music, WAV file distribution, test rooms, crisis mode, schedules, etc...

E. APC BACK-UPS, 6 OUTLETS, 425VA, 120V

1. Output
 - a. Output power capacity - 255 Watts / 425VA
 - b. Max Configurable Power (Watts) 255 Watts / 425VA
 - c. Nominal Output Voltage 120V
 - d. Output Frequency (sync to mains) 50/60 Hz +/- 3 Hz Sync to mains
 - e. Topology Standby
 - f. Waveform type Square wave
 - g. Output Connections (4) NEMA 5-15R (2) NEMA 5-15P
 - h. Transfer Time 6 ms typical : 10 ms maximum
2. Input
 - a. Nominal Input Voltage 120V
 - b. Input frequency 50/60 Hz +/- 3 Hz
 - c. Auto-sensing Input
 - d. Connections NEMA 5-15P
 - e. Cord Length 4.99ft (1.5meters)
 - f. Input voltage range for main operations 88 - 139V
 - g. Number of Power Cords 1
 - h. Maximum Input Current 5.0A
3. Batteries & Runtime
 - a. Battery type Lead-acid battery
 - b. Typical recharge time 8hour(s)

F. APC SMART-UPS 1000VA, RACK MOUNT, LCD 120V WITH SMARTCONNECT PORT

1. Output
 - a. Output power capacity - 700 Watts / 1.0kVA

Gulf Shores City Schools

2025-01

- b. Max Configurable Power (Watts) - 700 Watts / 1.0kVA
- c. Nominal Output Voltage - 120V
- d. Output Voltage - Distortion Less than 5 %
- e. Output Frequency - (sync to mains) 50/60 Hz +/- 3 Hz Sync to mains Other
- f. Output Voltages - 110, 125 Load Crest Factor 3 : 1
- g. Topology Line - interactive
- h. Waveform type - Sine wave
- i. Output Connections - (6) NEMA 5-15R
- j. Transfer Time- 6 ms typical : 10 ms maximum
- 2. Input
 - a. Nominal Input Voltage 120V
 - b. Input frequency 50/60 Hz +/- 3 Hz
 - c. Auto-sensing Input
 - d. Connections NEMA 5-15P
 - e. Cord Length 8.01ft (2.4meters)
 - f. Input voltage range for main operations 75 - 154 Adjustable, 82 - 144V
 - g. Number of Power Cords 1
 - h. Other Input Voltages 110, 125
- 3. Batteries & Runtime
 - a. Battery type Lead-acid battery
 - b. Typical recharge time 3hour(s)
 - c. Replacement Battery APCRBC157
 - d. Expected Battery Life (years) 4 - 6
 - e. RBC Quantity 1
 - f. Battery Charge Power (Watts) 112 Watts
 - g. Runtime
 - i View Runtime Graph (Available in Technical Tab on site)
 - ii View Runtime Chart (Available in Technical Tab on site)
 - h. Efficiency View Efficiency Graph (Available in Technical Tab on site)
- 4. Communications & Management
 - a. Interface Port(s) RJ-45 Serial, SmartSlot, USB
 - b. Control panel Multifunction LCD status and control console
 - c. Audible Alarm when on battery : distinctive low battery alarm : configurable delays
 - d. Available SmartSlot™ Interface Quantity 1
- 5. Surge Protection and Filtering
 - a. Surge energy rating 680Joules
 - b. Filtering Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
- 6. Physical
 - a. Maximum Height 3.39inches (86MM, 8.6CM)
 - b. Maximum Width 17.01inches (432MM, 43.2CM)
 - c. Maximum Depth 18.78inches (477MM, 47.7CM)
 - d. Rack Height 2U

G. EPIC COMMON ZONE AMPLIFIER

- 1. LED Information
 - a. AC Power
 - b. Green – Powered On
 - c. Orange – Standby Status
 - d. Red – Booting
 - e. Green – Ready
 - f. GPIO (General Purpose I/O)
 - g. Yellow – Input Active
 - h. Blue – Output Active
 - i. White – Input & Output Active
- 2. 1 x 300W output
- 2. Built-in 70V
- 3. Space-saving 1 RU design
- 4. Control Port:

Gulf Shores City Schools

2025-01

- a. (1) RS-232 Communication port to facilitate SAFE System Communications or 3rd party device control such as a projector
- b. (1) Remote Control Port: Integration with LCD Wall Plate
- c. (1) XD Port, RJ45
5. Ethernet I/F: 10/100 Mbs
6. Line Inputs
 - a. For PC, DVD audio, MP3, auxiliary mic, or other multimedia sources
 - b. (1) Unbalanced input (3.5mm)
 - c. (2) Balanced inputs RJ45 connector
 - d. Internal Network Audio
7. Line outputs
 - a. (1) Unbalanced (3.5mm) output
 - b. (1) Balanced line output (RJ45 connector)
8. Signal-to-Noise Ratio >89dB @ 20Hz – 20kHz at Maximum Output
9. Input Sensitivity 780mV
10. Output Power: (3) 24v RJ45
11. 5 Band Equalizer
12. USB: Control and configuration via software. BLE Dongle for easy setup
13. Power Supply
 - a. 100V – 120V/240V – 240V @ 300W power amplifiers
 - b. PoE+ (PoE+ 802.11 af) Powers all electronics except for the 70v Speaker out Amplifier
 - c. Both AC Power and PoE+ Power must be connected for unit to operate
14. Operating Temperature/Humidity -32 – 122 F (0- +50C) / 10-90%
15. Storage Temperature -40°C to 70°C/10-90% non-condensing

H. NETWORK INTERFACE-AUDIO ENHANCEMENT

1. Provide a Network Interface with performance as follows:
 - a. Full-Duplex, Hands Free communications on Intercom Call
 - b. Amplifier powered only by the PoE+ power source for emergency paging applications
 - c. Mounting Bracket as required
 - d. Connections – The following connections shall be available:
 - i Line Output for connecting to auxiliary amplifiers
 - ii 2 External I/O Connections – Terminal Block
 - a. Ability to support relay output for interface into other systems.
 - iii RJ45 for PoE+ Network Connection
 - iv Serial interface for connecting to other equipment or SAFE Compatible equipment.
 - e. 1 speaker connection
 - i The system shall provide a speaker connection which is powered exclusively by the PoE+ power from the network
 - ii Can power up to 2 speakers per device.
 - f. Network Connection
 - g. The system shall have a network connection with PoE+ power.
 - h. PoE+ shall be present on the system to provide power for the amplifier during a power emergency.
 - i. Shall support LLDP-MED for two level 802.3 power negotiation and device information.
2. Integrated Network Based Communications
 - a. The System shall support the following protocols:
 - i Directed UDP (User Datagram Protocol)
 - ii Unicast Audio
 - iii Multicast Audio
 - iv SIP
 - v TCP Control
 - a. Integrated Serial Tunnel over TCP
 - b. The system shall have integrated SIP communications and be able to communication bi-directionally with any VoIP communications system that follows the standard SIP protocols.
 - c. The system shall also have the ability to operate with multi-cast IP messages as well.
 - vi Serial Gateway for Control via the network

Gulf Shores City Schools

2025-01

I. NETWORK INTERFACE FOR 2-WAY INTERCOM -AUDIO ENHANCEMENT

1. Line Input - Internal Network Audio Line
2. Outputs - 1 Unbalanced (3.5 mm) output
3. Minimum Load Impedance - 4 Ohms
4. Amplifier Type - 92% Efficient Class D for network audio only
5. Continuous Power @ 1% THD - 25 Watts powered by PoE+
6. S/N - >89 dB @ 20 Hz to 20 kHz at maximum output
7. Protection Circuits - Thermal and short circuit protected
8. PA Connector - Connects to public address system and mutes amplifier during announcements
9. Input Voltage - 4.0 Volts RMS to 74 Volts RMS
 - a. Control Port - RS-232, 3-pin screw terminal block header, RJ45 remote control port
10. RS-232 communication port
11. Intercom call, emergency alert, room microphone wall plate port (WPA-50x)
12. Input/output (I/O) aux port for sense, strobe, etc.
13. Power Supply - PoE+ + 802.3af/at†
14. Temperature/Humidity
 - a. Storage: -40 to 1580F (-400 to +700C) 10-90% non-condensing
 - b. Operating: -32-1220F (0 to +500C) / 10-90%
15. Enclosure Type - Metal
16. Ethernet I/F - 10/100 Mbps
17. Power Input (Network) - PoE+ 802.3af/at†
18. Operating Temperature - 14 F to 1220F (-100C to 500C)
19. Protocols
 - a. SIP RFC 3261 compatible
 - b. UDP Directed Broadcast
 - c. Multi-cast and VoIP enabled
20. Lineout Output Signal Amplitudes - 2.0 VPP maximum
21. Output Level - +2 dBm nominal
22. Total Harmonic Distortion - 0.5% maximum
23. Weight 1.3 lbs (589.67 g)
24. Dimensions 1.125 (H) x 9.19(W) x 3.56 (D) in. (28.57 x 233.43 x 90.42 mm)

J. NETWORK INTERFACE SAFE ALERT EXTENDER AND 2-WAY INTERCOM- AUDIO ENHANCEMENT

1. Line Input - Internal Network Audio
2. Line Outputs - 1 Unbalanced (3.5 mm) output
3. Minimum Load Impedance - 4 Ohms
4. Amplifier Type - 92% Efficient Class D for network audio only
5. Continuous Power @ 1% THD - 25 Watts powered by PoE+
6. S/N - >89 dB @ 20 Hz to 20 kHz at maximum output
7. Protection Circuits - Thermal and short circuit protected
8. PA Connector - Connects to public address system and mutes amplifier during announcements
9. Input Voltage: 4.0 Volts RMS to 74 Volts RMS
10. Control Port - RS-232, 3-pin screw terminal block header, RJ45 remote control port
 - a. RS-232 communication port
 - b. Intercom call, emergency alert, room microphone wall plate port (WPA-50x)
 - c. Input/output (I/O) aux port for sense, strobe, etc.
11. Power Supply - PoE+ + 802.3af/at†
12. Temperature/Humidity
 - a. Storage: -40 to 1580F (-400 to +700C) 10-90% non-condensing
 - b. Operating: -32-1220F (0 to +500C) / 10-90%
13. Enclosure Type - Metal
14. Ethernet I/F - 10/100 Mbps
15. Power Input (Network) - PoE+ 802.3af/at†
16. Operating Temperature - 14 F to 1220F (-100C to 500C)
17. Protocols
 - a. SIP RFC 3261 compatible

Gulf Shores City Schools

2025-01

- b. UDP Directed Broadcast
- c. Multi-cast and VoIP enabled
- 18. Lineout: Output Signal Amplitudes 2.0 VPP maximum
- 19. Output Level +2 dBm nominal
- 20. Total Harmonic Distortion 0.5% maximum
- 21. Weight 1.3 lbs (589.67 g)

- 22. Dimensions 1.125 (H) x 9.19(W) x 3.56 (D) in. (28.57 x 233.43 x 90.42 mm) MS-375 Specifications*
- 23. Integrated XD Receiver Specifications
 - a. System Frequency - XD Technology 1.9 GHz
 - b. Coverage - Adjustable for optimal coverage from small classrooms to cafes, gyms, and other large spaces
 - c. Microphone Type - Unidirectional electret condenser microphone
 - d. Auxiliary Input Line level 35 stereo mini jack (monaural mix)
 - e. Power Requirement - 24 VDC @ 130 mA Temperature Range 32 F - 104 F (0 C - 40 C)

K. CLAUDIA (EPIC FRONT OFFICE MEDIA PLAYER)

- 1. The program distribution panel shall provide inputs for audio signals from radios, MP3 players, CD players, etc...
- 2. The program distribution panel shall permit adjusting the volume of each source and monitoring of the source at the panel.
- 3. The program distribution panel shall be equipped with a 7" capacitive touch screen interface that provides control of the sources, and streaming functions into the paging system. 800X480 Resolution
- 4. The program distribution panel shall provide Bluetooth® connectivity from a source device
- 5. Two Line Level 3.5mm inputs
- 6. Two Line Level 3.5mm outputs
- 7. Powered via USB C
- 8. Gigabit Ethernet Connectivity
- 9. Delivers audio on demand or on schedule to MS-300/MS-500 Devices on Network from inputs within the unit including line level, preloaded, and Bluetooth.
- 10. Can be scheduled and controlled as part of bell schedule within the EPIC system.

L. ANALOG INTERCOM SYSTEM CABLING:

- 1. West Penn
- 2. Belden
- 3. General Cable
- 4. Mohawk
- 5. Accepted substitute

M. INTERCOM PAGING SYSTEM VOLUME CONTROL:

- 1. Volume control shall be capable of controlling the volume of up to one hundred-fifty (150) 1-way speakers.
- 2. Volume control shall be mounted on a brushed stainless-steel single gang wall plate with the plate being embossed with a dial scale of "0 through 10."
- 3. Volume control shall be equipped with a skirted black knob with white position indicator.
- 4. Volume control shall include a stainless-steel mounting box and hardware.

N. INTERCOM PAGING SYSTEM CEILING SPEAKER.

- 1. Ceiling Speaker Specifications
 - a. Lay-in ceiling speaker shall consist of a white 13.5" grill, a speaker and integral back box or equivalent ceiling speaker with appropriate backbox, grille and tile bridge.
 - b. Integrated 25/70/100V Transformer with tap settings accessible without disassembling speaker from 1.25W to 15W or 8Ohm bypass.
 - c. The speaker shall be capable of handling minimum 50 watts continuous power.
 - d. Sound pressure level at 1 meter on axis with a 1-Watt input shall be 96 dB.
 - e. The frequency response shall be 86 Hz to 16 kHz.

Gulf Shores City Schools

2025-01

- f. The baffle shall be constructed with a single piece of perforated steel with a white baked on acrylic enamel finish.
- g. Shall support seismic cabling from 3 points.
- h. The back box shall meet or exceeds UL 2043 for installation in a plenum space
- i. Approximate weight shall be 7.1 lbs. (2.49 kg).
- j. Basis of Design Audio Enhancement SP-0300.

O. INTERIOR INTERCOM PAGING SYSTEM SURFACE WALL SPEAKER:

- 1. Wall speaker shall consist of a speaker and matched surface mount enclosure.
- 3. The speaker, housing and hardware shall be electrically and acoustically matched for a frequency response of 65 Hz to 17 kHz.
- 4. The speaker shall be 8" (20.32 cm) in diameter. and have a ceramic magnet weighing 4.8 ounces.
- 5. Average sensitivity 92dB SPL, 1W/1M.
- 6. Maximum output shall be 99dB.
- 7. The baffle shall be constructed of 22-gauge steel with white baked hybrid epoxy.
- 8. Maximum dimensions of the housing shall be 11 5/8" square and 4 1/8" deep.

P. INTERCOM PAGING SYSTEM PAGING HORN:

- 1. The paging horn shall be a weather-resistant, high efficiency reentrant type horn speaker.
- 2. The paging horn shall be equipped with an amplifier and externally accessible volume control.
- 3. The paging horn shall include an adjustable swivel base.
- 4. The frequency response shall be 275 Hz to 14 kHz.
- 5. Dispersion shall be 90° horizontal and 90° vertical.
- 6. Sound pressure level shall be 121 dB measured at 4 feet (1.22 m) on axis with an input to the amplifier module being -10 dBm at 1 kHz.
- 7. Distortion shall be less than 2.0% at rated output of 15 watts RMS.
- 8. Input impedance shall be 600 ohms nominal.
- 9. The amplifier shall operate on a -24 Vdc nominal, positive ground power supply.
- 10. Operating current shall be 900 mA at -24Vdc
- 11. Operating temperature shall be -20 to 55 °C (-4 to 131 °F).
- 12. Operating humidity shall be 0-95% noncondensing.
- 13. Dimension of the horn shall be 8" (20.3 cm) W x 8" (20.3 cm) H x 9" (22.9 cm) D.
- 14. Approximate weight shall be 4.0 lbs. (1.8 kg).

Q. LOW PROFILE CEILING SPEAKER:

- 1. 6.5" Coaxial Low-Profile Ceiling Loudspeaker
- 2. Extremely consistent 120° broadband pattern control featuring jbl's exclusive conical Radiation boundary integrator® (rbi™) technology:
- 3. provides very consistent coverage of listening area
- 4. wide coverage requires fewer speakers, reducing the cost of the installed system
- 5. Without sacrificing performance
- 6. Coaxial design:
 - a. 165 mm (6.5 in) woofer with butyl rubber surround
 - b. 25 mm (1 in) soft-dome tweeter on 250 mm (10 in) diameter wave guide
- 7. slim design (142 mm / 5.6 in) for use in spaces with restricted / shallow mounting depths
- 8. 8 ohm and 70v/100v operation
- 9. integrated backcan for easy "blind INDOOR/OUTDOOR 70-V LOUD SPEAKER -mount" install
- 10. packaged with grille and tile rails for easy installation

R. INDOOR/OUTDOOR 70-V LOUD SPEAKER:

- 1. 6.5" 70v Outdoor Rated Speaker
- 2. Woofer: Metallic Anodized Injection Molded Cone with Rubber Surround
- 3. Tweeter: 1" liquid cooled aluminum dome
- 4. Power: 5-125 Watts
- 5. Frequency: 55Hz – 20kHz
- 6. Sensitivity: 90dB
- 7. Impedance: 6 Ohms
- 8. Finish Dimensions: 12.86" (310mm) x 8" (217) x 7.25" (195)
- 9. ELURA W70 base spec

Gulf Shores City Schools

2025-01

S. IP CALL STATION:

1. Entry ip call station
2. 2 amp relay contact
3. Sip compliant
4. Outbound proxy, peer to peer vlan tagging
5. PoE+ powered (class 1, <4 watts)
6. Flush Mount
7. Brushed Stainless Steel
8. Audio Codecs: G711u, G711a, G722
9. FCC Part 15
10. Maximum Sound Pressure: 90dB SPL @ 1m
11. E-30-IP

T. INTERCOM PAGING SYSTEM VOLUME CONTROL

1. The volume control must support a rotary selector switch with 11 positions.
2. Volume control shall be white in color and be sized to fit a decora style plate.
3. Inputs on control shall support incoming 25/70V signal on both the + and – with outgoing signal on + and -. Support for up to 12 AWG Wire.
4. 25W RMS
5. Basis of Design EPIC-V70v

U. CLASSROOM SOUND AMPLIFICATION SYSTEM (CSAS) EQUIPMENT: OPTIMUM AMPLIFIER WITH INTEGRATED XD RECEIVER:

1. Provide a fully PoE+ Powered Receiver/Amplifier with ability to provide functions described above with performance as follows:
 - a. Audio Power: 30 watts RMS mains powered amplifier
 - b. 92% Efficient Class D Amplifier
 - c. 1% percent THD across full frequency range of amplifier
 - d. Frequency Response: 20 Hz to 20 kHz
 - e. Power Requirements: PoE+ 802.3af/at 25.5W Maximum
 - f. Shall support LLDP-MED for two level 802.3 power negotiation and device information.
 - g. Signal-to-noise: >89dB
 - h. Integrated mounting tabs
 - i. Thermal and short circuited protected
 - j. Integrated 3 channel DECT RF Receiver
2. Controls:
 - a. The primary control of the system shall be done through the teacher microphone.
 - b. The following functions shall be available via USB connection for setup during installation:
 - i. Input Control for multi-media sources and mixed XD source
 - ii. Equalizer Controls
 - a. 5 Band Digital Equalizer
 - iii. Discreet Output volume controls for each input
 - c. RS-232 Control
 - i. Provide RS-232 control of the amplifier, and an additional RS-232 port which provides pass through control of a downstream device such as a projector
 - ii. RS-232 processor shall be capable of differentiating between commands destined for the amplifier, and responding to those commands, and commands intended for the downstream and passing those commands through to the secondary RS-232 port
 - iii. Command pass through shall be bi-directional
 - d. Connections – The following connections shall be available:
 - i. Four (4) Multi-Media inputs
 - ii. Dedicated Line output – for Assistive Listening Device Connection
 - iii. Color Coded Connection
 - iv. Ethernet Connection (8P8C RJ45 with PoE+ Power)
 - v. 8P8C RJ45 Connection for Intercom Paging Wall plate
 - vi. Support for Touch Based Wall Controller on Remote Port
 - vii. General Purpose I/O Output on 8P8C RJ45

Gulf Shores City Schools

2025-01

3. Integrated DECT Technology RF Receiver the Receiver shall utilize DECT technology. DECT is a radio technology for voice applications. DECT is ideal for the classroom because the use of both frequency and time domain is ideally suited to smaller areas with a large number of users. In each classroom, it will be an independent system, with all necessary electronics to support the receiving & pairing functionality mounted on the wall near the amplifier or in the ceiling. The receiver will be connected to the amplifier through a universal twisted pair cable, using balanced audio connections. Power for the receiver shall be provided through the same cable as the balanced audio connections.
- a. The receiver shall provide the following functionality. These features shall be included on board the receiver, and not require any external support to perform these functions.
 - i. Three Channel DECT based reception
 - ii. Pairing Button for Linking microphone to the receiver
 - iii. Remote control of all three microphone channels
 - iv. Advanced Feedback Blocker
 - a. The system shall have the ability to actively control feedback. This shall be done via an analog circuit that provides up to five active filters to control specific frequencies,
 - b. The Feedback Blocker shall also have the ability to lower the overall of the system by up to 6dB, during a user error situation where the overall system gain is manually turned up too high
 - c. The Feedback Blocker system shall automatically remove the filtering upon resolution of the user-initiated error condition
 - 1. The Feedback Blocker shall be of an analog design – in order to avoid the detrimental effects of digital sampling, only analog systems shall be considered in order to implement this feature.
 - v. Emergency Alert Function
 - a. The system shall provide a trigger signal when the teacher presses and holds a button on her transmitter for more than two (2) seconds.
 - b. The system shall be capable of providing a visual indication of three (3) red LED's when the teacher initiates a trigger signal
 - c. The system shall also be capable of receiving a trigger acknowledgement signal back from an external source, and altering the visual indicator from three (3) red LED's to two (2) Green and one (1) red LED
 - vi. Recording Function
 - a. The system shall provide for a secondary notification that can be used for future applications such as signaling an NDVR (Network Digital Video Recorder) to start a recording
 - vii. Control System Integration
 - a. The system shall have on board the capability of being controlled via RS-232 protocol.
 - b. The system shall also have the capability of broadcasting RS-232 commands when the teacher presses the up/down volume controls on their microphone
 - 1. Power Requirements: Integrated power from PoE+, receivers requiring secondary power not allowable.
 - 2. Operating Frequency – 1.9 GHz Band
 - viii. Receiver Type: DECT
 - a. Controls: System shall have available the following controls
 - 1. Channel 1 Volume Control – Fully controllable from the teacher microphone remotely through the DECT system
 - 2. Channel 2 Volume Control – Fully controllable from the teacher microphone remotely through the DECT system
 - 3. Auxiliary Input Volume Control – Fully controllable from the teacher microphone remotely through the DECT system
 - 4. Alert Controls on Teacher Microphone – Two (2) buttons on the sides of the microphone
 - 5. Recording Control on Teacher Microphone – One (1) button on the front of the microphone
 - 6.

Gulf Shores City Schools

2025-01

V. XD TEACHER PENDANT MICROPHONE

1. Provide a body pack transmitter with performance as follows:
 - a. Operating frequency – 1.9 GHz - DECT
 - b. Audio distortion: <1.0% (± 40 kHz deviation @ 1kHz)
 - c. Integrated microphone
 - d. Internal charger circuit
 - e. USB-C Charging Port – shall be capable of being charged from a standard USB port – including a port on a computer
 - f. Power button functionality
 - g. Power on – turns the microphone on when microphone is off and button is pressed
 - h. Mute – mutes the microphone when pressed and released once microphone is turned on
 - i. Power Off – push and hold to turn power off
2. Additional Function (F) Button Features
 - a. SAFE Alert Functionality – Provides security alert when the two (2) buttons on the sides of the microphone are pressed and held for more than two (2) seconds
 - b. Recording Functionality – Provides simple logic signal when the REC button is pressed on the face of the microphone which activates terminals on the receiver
 - c. Secure Room-Identifies when associated with SAFE that a room is secure.
 - d. Intercom-Initiates classroom intercom call to EPIC
 - e. Intercom Call Button– Initiates a 2-way intercom call across the network
 - f. Confirm Room Response Button – allows the teacher to indicate to the front office that they have completed their assigned procedures for the classroom during a lockdown emergency.
3. External Inputs
 - a. Provide an input for an external microphone
 - b. Provide an input for a stereo auxiliary input (Mixed to Mono in microphone)
4. Microphone Element – The teacher microphone shall utilize a 10mm microphone element to insure optimum frequency response and maximum pickup of teacher's voice.
5. Power 1 - LiON Long Life Battery (Systems using two (2) batteries will not be considered)
 - a. Battery style shall be common between handheld microphone and teacher transmitter. Systems that use different batteries in the handheld vs teacher microphone shall not be considered.
6. Provide remote volume control for the system from the teacher's transmitter
 - a. Volume control via the wireless microphone system to allow the teachers to remotely adjust their own volume level.
 - b. Volume control for the other channel from the teacher's microphone
 - c. Volume control for the auxiliary inputs from the teacher's microphone
 - d. Side Alert Buttons – Provide remote control functionality that allows for enabling additional multi-use functions from the teacher microphone.
 - e. REC Button – Provide a button on the face of the microphone that can be used for multiple purposes.

W. STUDENT HANDHELD TRANSMITTER

1. Operating frequency – 1.9 GHz - DECT
2. Integrated microphone
3. Internal charger circuit.
4. USB-C Charging Port – must be capable of being charged from a standard USB port – including a port on a computer
5. 1/8" (3.5mm) auxiliary input connection - Provide an input for a stereo auxiliary input (Mixed to Mono in microphone)
6. Power 1 - LiON Long Life Battery (Systems using two (2) batteries will not be considered)
7. Battery style must be common between handheld microphone and teacher transmitter. Systems that use different batteries in the handheld vs teacher microphone will not be considered.
8. Operational Modes – the handheld microphone must be equipped with two operational modes
 - a. Push-to-Talk Mode – the user simply depressed the power button to talk, and when released the microphone automatically turns off – this provides for a number of separate microphones to be used consecutively and greatly reduces the chance of channel interference
 - b. Power-On Mode – The user depresses the power button, and slide is vertically into the on position – this holds the microphone in the on state for continuous operation
 - c. Microphone Element – The Handheld microphone shall utilize a 10mm microphone element to insure optimum frequency response and maximum pickup of teacher's voice.

Gulf Shores City Schools

2025-01

X. CLASSROOM SPEAKER PERFORMANCE SPECIFICATIONS

1. CS-12
 - a. 7" Tile Cut in Speaker
 - b. Spring loaded mounting tabs
 - c. Vented Enclosure
 - d. 8 Ohm Nominal, 50W Continuous Pink Noise
 - e. Sensitivity - 88 dB (1W/1M)
 - f. Frequency Response 70 Hz - 15 kHz (-10 dB) 100 Hz - 14 kHz +/-2 dB)
 - g. Speaker back can meets UL2043 criteria for plenum installation.
 - h. Depth not to exceed 5.8"

Y. CLASSROOM INTERCOM WALL PLATES

1. Wall plates expand the communication between classrooms and the office.
 - a. WPA-701
 - i Microphone
 - b. WPA-5=702
 - i Microphone
 - ii Green Button for Intercom Call
 - iii Red button to Initiate an Emergency Alert
 - c. WPA-704
 - i Microphone
 - ii Green Button for Intercom Call
 - d. WPA-705
 - i Red button to Initiate an Emergency Alert
2. Reference technology floor plans for device locations
3. Single gang decora style wall plate
4. 8P8C (RJ45) connection
5. Matching white decora style face plate

Z. MAGNETIC DOOR SENSE SWITCH

1. The Magnetic Door Sense Switch is a heavy-duty surface mounted magnetic door sense switch. Installs on doors either alone or side by side in series and connect to any available I/O port.

AA. XD CLEAR BRIDGE

1. Audio input/output interface, allowing the computer to playback media audio through the classroom system and capture audio from the wireless microphones integrated into the system.
 - a. Enables seamless wireless communication between teacher's computer and audio system
 - b. Functions as an audio input/output interface
 - c. Plays media audio from computer through classroom system
 - d. Captures audio from wireless microphones for recording or cloud transmission
 - e. Supports external audio sources (MP3 players, smartphones, etc.) for wireless playback
 - f. Includes analog audio output for assisted listening or external recording

BB. SAFE ALERT DURESS BADGE

1. The SAFE Badge is a mobile, wearable duress device, that integrates with the SAFE System platform from Audio Enhancement. It provides 2 levels of alerts, allowing school staff to quickly call for help in an emergency situation.
2. Dual alert capability - The SAFE Badge allows staff to call for assistance and make an escalated call when the emergency warrants.
3. SAFE Badge, facilitated through EPIC System can allow staff to call law enforcement during an emergency situation.
4. Up to 5 years of battery life

CC. SAFE ALERT BADGE DONGLE FOR MS-500, MS-600, AND MS-700

1. Supports Basic Rate/Enhanced Data Rate (BR/EDR) speeds up to 3Mbps
2. Ultra-compact design
3. NDAA compliant

Gulf Shores City Schools

2025-01

DD. CLASSROOM VISUAL DISPLAY FOR CLOCKS AND MESSAGES.

1. 21.5" Industrial Display
2. PoE+ Powered
3. Vesa mountable with included wall mount
4. Integrated and embedded Linux OS.
5. X64 architecture, quad core, 4GB RAM
6. 32GB Onboard storage
7. Resolution 1920X1080 32bit
8. Controllable by EPIC System.

EE. HALLWAYS AND COMMON AREA VISUAL DISPLAY FOR CLOCKS AND MESSAGES

1. 21.5" Industrial Display
2. PoE+ Powered
3. Single or Double Mount Options, wall or ceiling.
4. Integrated and embedded Linux OS.
5. X64 architecture, quad core, 4GB RAM
6. 32GB Onboard storage
7. Resolution 1920X1080 32bit
8. Controllable by EPIC System.

FF. INFOVIEW DISPLAY INTERFACE ADAPTER

1. The EPIC System InfoView Large Display Adapter is a device specifically designed for the K-12 campus. This high-performance, energy-efficient, world-class Digital Signage Systems deliver power and data over a single Ethernet cable, offering greatly increased flexibility with location and positioning. With a PoE+ or USB power and HDMI output, it can be flexibly installed and connected to any display in a school for digital signage and emergency visual messaging.
 - a. POE+ or USB Powered, giving flexible installation options.
 - b. Can be connected via HDMI to any display.
 - c. Displays Digital Signage and Emergency Visual Messaging.

GG. CLASSROOM INTERCOM, EMERGENCY ALERT & A/V TOUCH PANEL CONTROL – AUDIO ENHANCEMENT – CAPACITIVE TOUCH CONTROL MODULE (ITC2-M)

1. For all locations where an MS-x00 Classroom Amplifier/Network Interface is specified.
2. Coordinate with electrical contractor to make sure a double gang electrical box is available – or use an acceptable double gang mounting ring
3. Provide a simple, standardized control interface for projectors, monitors, display devices, or other AV devices in a compact double-gang form factor. A CUSTOMIZABLE INTERFACE which will allow for a variety of configurations including full color graphical representations of equipment and buttons as well as multi-page capability.
4. Multiple School Based Configurations for Emergencies
5. SAFE Room lockdown, secure in place and reporting.
6. Package Type: Double-Gang Back Lit Capacitive Touch Screen
7. Dimensions: 4.5" (L) x 4.5" (W) x 1.25" (D)

HH. Educam Camera – Classroom Video Camera for Alerts and Instructional Recording (Audio Enhancement EducamPTZ-B)

1. 2MP MOS Sensor
2. 31X Optical Zoom, digital zoom not allowed.
3. Multiple H.264 and H.265 (High profile) streams and JPEG streams ensure simultaneous real time monitoring and high-resolution recording by enhanced.
4. AAC Audio Encoding Required
5. Audio input from classroom audio system with enhanced circuitry for control.
6. Support for ambient mic function.
7. PTZ Function Controllable from Teacher Web Interface with support for presets.
8. Auto Tracking function with teacher control for on/off from web interface.

Gulf Shores City Schools

2025-01

9. ONVIF Support
10. SD Recording supported and controllable from VIEWpath system.
11. Ceiling and wall mountable.

Gulf Shores City Schools

2025-01

V. Evaluation:

The contract, if awarded, will be awarded to the most responsive and responsible bidder. Technology equipment bids will be evaluated based upon equipment specifications, flexibility of schedule, capacity to deliver, references and price. Product quality, service issues and other factors stipulated above must be met to the satisfaction of the Board for a bid to be considered responsive. Consequently, if the selected bidder is unable to execute a contract and provide delivery within the time parameters specified in this RFB the Board will award the contract to the next most qualified bidder. In determining the best value, the following criteria shall be considered:

Capability of providing services and meeting schedule	10 Points
Warranties/ Guarantees	20 Points
Meeting bid specifications in bid documents	10 Points
Services and support capability	20 Points
Responsible Award Amount	40 Points

Reference 1

Name: _____
Address: _____
Contact Name: _____
Contact Phone: _____
Contact Email: _____
Type of Work/Service Performed: _____

Reference 2

Name: _____
Address: _____
Contact Name: _____
Contact Phone: _____
Contact Email: _____
Type of Work/Service Performed: _____

Reference 3

Name: _____
Address: _____
Contact Name: _____
Contact Phone: _____
Contact Email: _____
Type of Work/Service Performed: _____

VI. INTERPRETATION/ADDENDA:

If any questions should arise pertaining to the RFB Documents, the bidders may email the Chief School Financial Officer, Chad Green, CSFO (cgreen@gsboe.org), please include the RFB number in the Subject line, in order to guarantee a response to the question submitted. The questions should be received prior to the deadline within the TIMELINE.

Gulf Shores City Schools
2025-01

VII. Additional Information:

Please mail the Business Office, utilizing the email: cgreen@gsboe.org please make sure you put your bid number in the subject line, and your questions will be addressed in a timely manner.

VIII. "Responsive" Bidder Criteria

- A. Capability of providing services and meeting schedule as indicated
- B. Warranties/Guarantees
- C. Ability to meet specifications/bid documents as indicated.
- D. Service and Support Capability
- E. Documented licensed as required by the State of Alabama
- F. Applicable Bond Information
- G. Responsible Award Amount

IX. Cancellation/Default of Contract

In the event the successful bidder, through any cause, should fail to fulfill the agreed upon obligations in an effective and timely manner, the Board shall have the right to terminate its contract by specifying the date of termination in a written notice to the selected vendor at least thirty (30) days before that termination date. The Board also reserves the right to procure the articles or services from other sources and hold the defaulting vendor responsible for any excess cost incurred.

X. Indemnity Provisions

Where bidder is required to enter or go onto property to provide services or gather information, the bidder shall be liable for any injury (including death), damage or loss occasioned by negligence of the bidder, his agent, or any person the bidder has designated to visit Board property and shall indemnify and hold harmless the Board, its officers, employees, agents and volunteers from any liability arising. Offerors should not include an indemnity or hold harmless agreement from the Board in any proposal. The Board will not be bound by any such agreement. Board Policy provides in part: No contract, provision, agreement or term of any procurement, contract or agreement with the Board shall obligate the Board or System to indemnify, save or hold harmless any vendor for any future claim, loss, expense or liability.

XI. Errors in Bids

Bidders or their authorized representatives are expected to fully inform themselves as to conditions, requirements, and specifications before submitting bid proposals. Failure to do so will be at the bidder's own risk. The bidder may withdraw a bid prior to the bid opening date and time by requesting to do so in writing.

XII. Standards of Acceptance of Bid Proposal for Contract Award

The Board reserve the right to reject any and all bids and to waive any irregularities or technicalities in proposals received whenever such rejection or waiver is in the best interest of the Board. The Board has the right to disqualify a bid of any bidder as being unresponsive when such bidder cannot document its ability to deliver requested services or when investigation shows it is not able to perform the contract.

XIII. Compliance with Laws

The bidder shall obtain and maintain all licenses, permits, liability insurance, worker's compensation insurance and comply with any and all other standards or regulations required by Federal, State, or County statutes, ordinances and rules during the performance of any contract between the Board and the bidder. Any such requirement specifically set forth in any contract document between the bidder and the Board shall be supplementary to this section and not in substitution thereof.

Gulf Shores City Schools

2025-01

A. ALL BIDS SHALL BE:

1. Typewritten and signed by an authorized representative, with all erasures or corrections initialed and dated by the official signing the proposal. ALL SIGNATURE SPACES MUST BE SIGNED. Facsimile, printed, copied or typewritten signatures are not acceptable.
2. Submitted in the provided manila envelope, which is plainly marked with the bid number and title, and date and time of bid opening. If proposal materials require additional envelopes, then the proposal package must be combined with the special envelope on top.
3. Submitted on bid proposal forms as included in this RFB and in accordance with instructions stated above.
4. Mailed or delivered in sufficient time to ensure receipt by the Chief School Financial Officer prior to the Public Bid Opening date and time. Whether sent by mail or by means of personal delivery, the bidder assumes the risk for having the bid deposited on
5. Time and at the place specified on the first page of this RFB.
6. Late bids will be marked late, and not be considered.
7. Bids submitted by facsimile transmission will not be accepted considered an irrevocable offer for a period of sixty (60) days from the date of public bid opening.
8. Please note that we have additional "Terms and Conditions" as Addendum I General Bid Information

B. NONDISCRIMINATION

The contractor, by the submission of a proposal or the acceptance of a contract, does agree that he will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor shall take appropriate action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, transfer, recruitment, layoff, termination, rates of pay or other forms of compensation and training. In the event of the contractor's noncompliance with the nondiscrimination policy of the BCSD, any contract or purchase order may be canceled, terminated or suspended in whole or in part and the contractor may be declared ineligible to transact further.

C. UTILIZATION OF MINORITY AND SMALL BUSINESS ENTERPRISES AND LOCAL AND MINORITY LABORERS

Minority and Small Business Subcontractors. The Owner has adopted a policy indicating its desire to increase the opportunity for participation by minority business enterprises and small business concerns in all its construction projects. The Contractor acknowledges this policy and agrees that it will actively solicit and encourage bids from qualified subcontractors identified by the Minority Assistance Corporation or other agencies as minority business enterprises. The Contractor shall also actively encourage and solicit bids from subcontractors who qualify as small business concerns.

Utilization of Minority and Local Labor. It is the policy of the Owner that the contractor and all subcontractors shall, consistent with efficient contract performance, utilize to the maximum extent possible minority and local laborers and mechanics as on-site employees. The Contractor acknowledges this policy and agrees that the on-site labor force of contractors and all subcontractors shall include a meaningful representation of skilled and unskilled local and minority laborers and mechanics, consistent with the efficient performance of this contract. Meaningful representation for minorities means the employment of minority laborers and mechanics in at least the same proportion that minorities are represented in a discrete construction skill or craft in Alabama and all adjacent counties, provided such individuals are available at the time of need. Meaningful representation of local laborers and mechanics means that at least 75% of the on-site work force of contractor and all subcontractors, taken as a whole, shall reside in Alabama, provided such individuals are available at the time of need.

D. DRUG-FREE WORKPLACE

By submission of a proposal, the Offeror certifies that he/she will not engage in the unlawful manufacture, sale distribution, dispensation, possession, or use of a controlled substance or drug during the performance of the contract and that a drug-free workplace will be provided for the contractor's employees during the performance of the contract. The Offeror also certifies that he will secure from any subcontractor who works on the contract, written certification of the same drug free workplace requirements. False certification or violation by failing to carry out requirements of O.C.G.A. 50-24-3 may cause suspension, termination of contract, or debarment of such Offeror.

E. CERTIFICATION OF NON-COLLUSION

By submitting a proposal, the Offeror certifies: "that this proposal is made without prior understanding, agreement, or connection with any corporation firm, or person submitting a proposal for the same materials, supplies, or equipment, and is in all respects fair and without collusion or fraud. That collusive pricing is understood to be a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.

F. IMMIGRATION REFORM AND CONTROL ACT

Offerors must abide by all federally mandated laws enforced by United States Department of Homeland Security which are established to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA) P.L. 99-603), in accordance with the applicability provisions and deadlines established in O.C.G.A. 13-10-91.

G. AUTHORIZED OFFICIAL

It is agreed that all conditions of the proposal shall be abided and that the person signing this proposal is authorized to sign the proposal for the Offeror.

H. SOLICITATION TERMINATION

In any event in which this solicitation is terminated or cancelled, in whole or in part, or all proposals are rejected, there shall be no liability for any costs incurred by Offerors or potential Offerors in relation to the solicitation.

I. RIGHTS AND REMEDIES

The rights and remedies provided above shall not be exclusive and are in addition to any other rights and remedies provided by law or under the contract.

J. INSURANCE

When the selected contractor has been identified, he will be notified of the necessity to provide required insurance. Proof of insurance shall be provided within 15 days of the date of written notification to the contractor.

K. WORKER'S COMPENSATION AND EMPLOYER'S LIABILITY INSURANCE

The contractor shall procure and maintain Worker's Compensation and Employer's Liability Insurance in the following limits. Such insurance is to cover each and every employee who is or may be engaged in work under the contract.

Worker's Compensation Limits: Statutory

Gulf Shores City Schools

2025-01

Employer's Liability Limits:

Bodily Injury by Accident	\$ 1,000,000 each accident
Bodily Injury by Disease	\$ 1,000,000 each employee
Bodily Injury by Disease	\$ 1,000,000 policy limit

Contractor waives all rights against Owner and its agents, officers, directors, and employees for recovery of damages to the extent these damages are covered by the workers compensation and employer's liability, or commercial umbrella liability insurance obtained by Contractor pursuant to this agreement. The Waiver of Our Right to Recover from Others Endorsement, ISO Form SC 00 03 12 shall be attached to the policy showing the Owner listed in the Schedule.

L. COMMERCIAL GENERAL AND UMBRELLA LIABILITY INSURANCE

The Contractor shall procure and shall maintain commercial general liability (CGL) and if necessary, commercial umbrella insurance with a limit of not less than \$1,000,000 each occurrence and \$2,000,000 Annual Aggregate, as shall protect him and any Subcontractor performing Work covered by this Contract from claims for damages for bodily injury, including accidental death, as well as from claims for property damages, which may arise from operations under the Contract Agreement, whether such operations are by himself or by any Subcontractor or by anyone directly or indirectly employed by either of them.

- (1) Comprehensive Form
- (2) Contractual Insurance
- (3) Personal Injury
- (4) Broad Form Property Damage
- (5) Premises - Operations
- (6) Completed Operations

This coverage shall cover the use of all equipment, hoists, and vehicles on the site(s) not covered by Automobile Liability under the contract. Policy coverage must be on an occurrence basis.

M. PAYMENT AND PERFORMANCE BOND

This project will require a 100% payment and performance bond. The bid packet should include a 5% bid bond, not to exceed \$10,000.

***Bidders shall provide three (3) copies of submitted bid proposals containing all pertinent documentation. The Board assumes no responsibility or obligation to respondents and will make no payment for any costs associated with the preparation or submission of the bid proposal. Bidders are encouraged to carefully review all provisions and attachments of this document prior to submission. Each bid proposal constitutes an offer and may not be withdrawn except as provided herein. **

Gulf Shores City Schools

2025-01

**Exhibit I
Offeror Affirmation Form:**

Company Name: _____

RFQ Name:

RFQ Number: _____

After careful examination of the solicitation document in its entirety, and any addendum(addenda) issued, the undersigned proposes to satisfy all requirements in accordance with said documents.

For Consideration of this proposal, the undersigned hereby affirms that:

1. He/She is a duly authorized official of the offeror.
2. NO changes were made to the original RFB document,
3. The proposal is being submitted on behalf of the offeror in accordance with any terms and conditions set forth in this document.
4. The offeror will accept any awards made to it as a result of the proposal submitted here in for a minimum of one hundred and twenty (120) days following the date of submission.
5. The offeror will accept the terms and conditions set forth in the contract template attached here to.

If notified in writing by mail or delivery of the acceptance of the award, the undersigned agrees to furnish and deliver to the assigned procurement professional within five (5) days of the request, a certification of insurance indicating the coverage specified within this solicitation.

A contract shall be established which will set forth the terms of this agreement. The contract shall be interpreted, constructed, and give effect in all respects according to the laws of the State of Alabama.

Nondiscrimination in Employment: We, the supplier of goods, materials, equipment, and services covered by this bid or contract, have not discriminated in the employment, in any way, against any person or person, or refused to continue the employment of any person or persons on account of their race, color, sex, religion, national origin, marital status, sexual orientation, age, or disability.

Respectfully Submitted,

Company Name: _____

Authorized Official Name

Signature

Title:

Date:

E-mail

Address: _____

The legal name of the bidder is: _____

Gulf Shores City Schools

2025-01

**Exhibit II
Non-Collusion Affidavit**

(Form must be completed and returned with bid.)

I state that I am _____ of _____ Company
_____. Title.

And that I am authorized to make this affidavit on behalf of my firm, and its owners, directors, and officers. I am the person responsible in my firm for the price(s) and the amount of this bid and I state that this bid is made in good faith.

1. The price(s) and amounts of this bid have been arrived at independently and without consultation, communication or agreement with any other contractor, bidder, or potential bidder; neither the approximate price(s) have been disclosed nor will they be disclosed before bid opening to any other contractor, bidder or potential bidder.
2. No attempt has been made or will be made to induce any firm or person to refrain from bidding on this contract, or to submit a bid higher than this bid, or to submit any intentionally high or noncompetitive bid or other form of complimentary bid.

I state that: _____ its affiliates, subsidiaries, officers, Directors and employees are not currently under investigation by any government agency and have not in the last three years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding on any public contract.

I understand and my firm understands that any misstatement in this affidavit is and shall be treated as fraudulent concealment from Gulf Shores City Schools of the true facts relating to submission of bids for this contract.

Authorized Official Name

Signature

Title:

Date:

Gulf Shores City Schools

2025-01

**Exhibit III
Debarment Certificate**

Certificate Regarding Debarment, Suspension, Ineligibility

(Form must be completed and returned with bid.)

Gulf Shores City Schools is a recipient of Federal monies. As such we require that participating vendors not be debarred, suspended, ineligible or excluded from doing business with the Federal government or any agency thereof. The prospective participant certifies, by submission of the bid, that neither it, nor its principals, is presently debarred, suspended, proposed for debarment, declared ineligible, or excluded from participation in this transaction by any Federal department or agency.

Company Name: _____

Authorized Official Name

Signature

Title:

Date:

Address: _____

Gulf Shores City Schools

2025-01

Exhibit IV Vendor Registration Form

Thank you for your interest in doing business with Gulf Shores City Schools. To become a registered vendor, you must complete and submit the vendor registration form, W-9 and the appropriate "Illegal Immigration Reform and Enforcement Act of 2011" form(s).

All formal solicitations are posted on the Gulf Shores City Schools web site at <https://www.gsboe.org/departments/finance>. We encourage you to check the website on a regular basis for opportunities to do business with Gulf Shores City Schools.

Instructions

- All information listed in items 1-13 below must be provided in order to complete your registration.
- You must provide a Federal Tax ID number or a Social Security number.
- The remit to address is where you want to have payments sent. You must indicate if your remit to address is the same as your regular mailing address. If different, provide the remit to address.
- Provide a fax number and e-mail address for the primary company contact.
- Select a company diversity class if applicable.
- The BCSD preferred method of sending purchase orders to a vendor is via email. Please provide an email address where purchase orders should be sent.
- You are responsible for notifying Gulf Shores City Schools of any subsequent changes to the information submitted on this form.
- **PLEASE NOTE** – You must read the "Illegal Immigration Reform and Enforcement Act of 2011" and submit the necessary forms. Your registration request will not be accepted unless all of the necessary forms are complete.

1. Company Name: _____
2. Company Street Address: _____
3. City: _____ State: _____ Zip: _____
4. Country: _____ Company Contact Name: _____
5. Telephone: _____ Fax: _____
6. Email Address: _____
7. Federal Tax ID Number or Social Security Number: _____
8. NIGP Class Code (Primary, 3-digit): _____
9. NIGP Class Code (Secondary, 3-digit): _____
10. Are you a 1099-Recipient (If yes complete and submit a W-9) Yes No
11. Are you or any member of your family an employee of Gulf Shores City Schools Yes No

Gulf Shores City Schools

2025-01

12. Preferred method of receiving Purchase Orders:

Email Address: _____ Fax Number: _____

Mailing Address: _____

Remit to address for payment: _____

13. Optional information (for data purposes only):

African American: _____ Asian American: _____

Hispanic American: _____ Native American: _____

Female: _____

You must accept the terms of this agreement in order to register as a vendor with Gulf Shores City Schools. By submitting the vendor registration forms, you certify and warrant that you are duly authorized, by the vendor to (1) register the vendor; (2) file on behalf of the vendor all of the information requested in this registration process; and (3) enter into this agreement on behalf of the vendor. By submitting this electronic vendor registration, you hereby agree on behalf of the vendor and for the benefit of each agency and public body that:

- a. The vendor shall use Gulf Shores City Schools vendor registration update functionality to update the vendor's registration information whenever necessary to ensure that the registration information remains accurate and up to date at all times.
- b. The vendor hereby warrants that the information provided by the vendor through the Gulf Shores City Schools registration process shall at all times be accurate, complete and up to date. The vendor further warrants that each agency and public body shall be entitled at all times to rely conclusively on the currency, accuracy and completeness of the information the vendor has provided through the Gulf Shores City Schools registration process as of that date even if different information is or has been available to or received by agency or public body personnel through means other than the BCSD registration process.
- c. I agree that (a) I am a U.S. person (including a U.S. resident alien) or a representative of a U.S. entity; and (b) the number shown on this form is the correct taxpayer identification number for my/our organization. This agreement shall remain in effect for as long as the vendor is registered as an BCSD vendor. ALL RIGHTS RESERVED TO CANCEL THE VENDOR'S REGISTRATION AT ANY TIME. In the event the vendor's registration is cancelled, the vendor shall remain bound to this agreement in regard to completion of any contract, purchase order or other electronic procurement transaction that was made or administered in whole or in part using BCSD.

Agree _____ Disagree _____

Signature of authorized company representative:

Signature

Date

Title

Company Name

Gulf Shores City Schools

2025-01

**Exhibit V
Affidavit**

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 1310-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services on behalf of Gulf Shores City Schools has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.G.A. § 13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Contractor

Name of Project

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed _____ on _____

Month _____ 20 _____ in(city), _____ (state) _____

Signature of Authorized Officer or Agent

Printed Name and Title of authorized Officer or Agent

Subscribed and Sworn Before Me

On This the _____ Day Of _____, 20 _____

Notary Public

My Commission Expires: _____

Notary Seal

Gulf Shores City Schools

2025-01

**Exhibit VI
Affidavit of Exception (Services ONLY)**

I attest that I am exempt from providing an Affidavit of Compliance to Gulf Shores City Schools pursuant to O.C.G.A. § 13-10-91, as amended, for one of the following reasons:

_____ I am a sole proprietor with no employees, subcontractors or sub-subcontractors and I will not use employees, subcontractors or sub-contractors for any work performed for Gulf Shores City Schools.

_____ My company/firm will render services to Gulf Shores City Schools.

_____ My company/firm will only provide goods to Gulf Shores City Schools and will not render any physical services to Gulf Shores City Schools.

_____ My company/firm will render services to Gulf Shores City Schools, however my company/ firm has ten (10) or fewer full-time employees.

Vendor Name: _____

Name of Project: _____

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed _____ on _____ .

Month _____ , 20 _____ in(city) _____ ,(state) _____ .

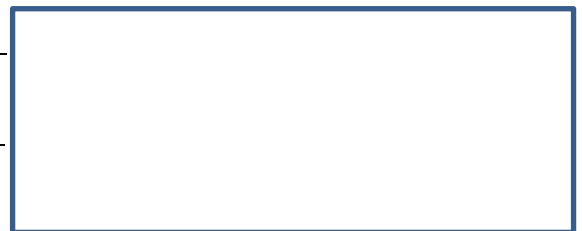
Signature of Authorized Officer or Agent

Printed Name and Title of authorized Officer or Agent Subscribed and Sworn Before Me

On This the _____ Day Of _____ , 20_____.

Notary Public

My Commission Expires: _____



Notary Seal

Please attach a copy of your W-9 Form with this Document...

Gulf Shores City Schools

2025-01

**Exhibit VII
Offeror Checklist**

OFFEROR'S CHECKLIST

PROPOSAL NO.: _____

- ☐ All copies as indicated in this RFB
- ☐ Bid Tabulation Form
- ☐ The proposal has been signed by an authorized principal or authorized official of the firm.
- ☐ No conditions, restrictions or qualifications have been placed by the company on this proposal that would have the proposal declared non-responsive.
- ☐ We are prepared to provide the insurance and bonds required in this solicitation.
- ☐ All Exhibit forms
- ☐ E-verify Affidavit (Supplies N/A)

COMPANY NAME

TYPE OR PRINT NAME OF PERSON COMPLETING CHECKLIST

SIGNATURE OF PERSON COMPLETING CHECKLIST

DATE

COMPANY FEDERAL ID NUMBER

COMPANY E-MAIL ADDRESS

**READ AND COMPLETE THIS CHECKLIST BEFORE SUBMITTING THE PROPOSAL
RETURN WITH PROPOSAL**

Gulf Shores City Schools

2025-01

Exhibit VIII

Minimum Contractor Qualifications

In submitting this Proposal and upon awarding a contract, I hereby certify that (check all that apply). Respondents using a subcontractor for this project shall have an authorized agent of the subcontracting company complete this form.

- ☐ With this response, my firm has provided documentation verifying the experience including, but not limited to job description, point of contact, mailing address, telephone number, references for each project, and certifications listed above.

Subcontractors: Description of services to be subcontracted

- ☐ With this response, my firm has examined the specifications, carefully prepared the proposal form, and checked the same in detail before submitting our proposal.

By signing this statement, I certify that the information provided above is accurate and will not change during the contract without prior, written approval from Dallas ISD.

Name of Company: _____

Authorized Signature: _____ Date: _____

Title: _____

Gulf Shores City Schools

2025-01

Exhibit IX

Support After Installation

1. How many service personnel trained in maintaining the proposed systems does Respondent employ in the District's area? Please indicate the location closest to the District.
 - a. Trained Service Personnel: _____
 - b. Location: _____

2. Provide the address of Respondent's service center(s) closest to the District:
 - a. Company: _____
 - b. Address: _____
 - c. Telephone Number: _____

Product Number	Or Substitution Product Number	Category : Classroom Equipment	Or Substitution Product Name	Qty	Unit Price	Total
		System : Optimum System with Programming				
AC-0200		50' 3.5 Male - 3.5 Male Plenum Rtd, Shielded		72		
CK-4010		Wiring Bundle for Sentinel Amplifiers		72		
ST-PA-8010.P		Interactive Touch Controller Bundle with Programming		72		
AM-3250.P		MS-700 Network Amp with Integrated XD Receiver with Programming		72		
ST-XD-9061		XD Teacher Box with Teacher Pendant and Student Handheld Microphone (2024)		72		
		System : 2-Way Intercom System with Programming (MS-320)				
AM-3244.P		MS-320 Network Interface for 2-Way Intercom with Programming (Requires PoE+)		6		
CK-4011		Wiring Bundle for Optimum Amplifier		6		
WP-0002		Wall Plate, WPA-702, Call Button, Emergency Button, Ambient Mic with Decora Plate		6		
		System : Optimum System with Programming (No PTZ Cam)				
AC-0200		50' 3.5 Male - 3.5 Male Plenum Rtd, Shielded		1		
CK-4010		Wiring Bundle for Sentinel Amplifiers		1		
ST-PA-8010.P		Interactive Touch Controller Bundle with Programming		1		
AM-3250.P		MS-700 Network Amp with Integrated XD Receiver with Programming		1		
ST-XD-9061		XD Teacher Box with Teacher Pendant and Student Handheld Microphone (2024)		1		
		System : 70v Classroom				
ST-XD-0601		XD Receiver with 3' Cat6		2		
AC-0115		50' Cat6, Plenum Rated, Purple		2		
AC-0200		50' 3.5 Male - 3.5 Male Plenum Rtd, Shielded		2		
ST-PA-8010.P		Interactive Touch Controller Bundle with Programming		2		
ST-XD-9061		XD Teacher Box with Teacher Pendant and Student Handheld Microphone (2024)		2		
		Miscellaneous				
ST-SP-0001		CS-12 Ceiling Speaker, Circle Cut In, Plenum Rated, Set of 4		78		
SP-0001		Classroom Speaker, Ceiling, Circle Cut In, Plenum Rated		1		
AC-0014		22/2 Plenum Shielded Stranded Cable		100		
AC-0200		50' 3.5 Male - 3.5 Male Plenum Rtd, Shielded		8		
AC-0210		100' 3.5 Male to 3.5 Male Plenum Rated - Shielded		2		
		Category : EPIC System School Equipment				
		System : CZA-1300				
ST-AM-1028.P		EPIC Common Zone Amplifier with Network Interface 1 X 300W 70V, 1U with Programming		2		
		System : 70v Classroom				
ST-AM-1028.P		EPIC Common Zone Amplifier with Network Interface 1 X 300W 70V, 1U with Programming		2		
SP-1097		6.5" 70V Outdoor/Indoor Speaker 2-way		4		
AC-0004		18/2 Spooled Speaker Wire Plenum Rated Per Foot, White		1000		
AC-0126		75' Cat6, Plenum Rated - Purple		4		
		Category : VIEWpath System Equipment				
		System : Optimum System with Programming				
ST-NE-1050.P		EduCamPTZ-C Bundle with Programming (Requires PoE) - Tile Bridge Bundled Separately		72		
NE-3013.		VIEWpath Yearly Per User Subscription (Requires NE-3000, 1-75 users)		72		
		System : Remaining EPIC Headend - PD & VIEWpath				
NE-3000		VIEWpath System License		1		
NE-3012.		VIEWpath Yearly Per District Subscription		1		
IN-0126		Surge Protector Wall Mount 4 Channel		5		
IN-0127		Surge Protection Module, 75V Screw Term		5		
		Category : Services				
		System : 70v Classroom				
SE-0035		Installation of Audio System		2		

		System : Remaining EPIC Headend - PD & VIEWpath			
SE-1002		EPIC Custom Map Development Services	1		
SE-0071		Construction - Design and Engineering Services	1		
SE-0072		Construction - CAD Services	1		
SE-1043		EPIC System Third Party System Integration	2		
SE-0038		Installation of Common Zone Amplifier	18		
SE-0067		Optional Contingency	345		
SE-1005		Programming Fee	1		
SE-0073		Project Management Services	21		
SE-1068		Installation of 70V Equipment	345		
SE-0080		Installation of Kiosk	1		
		Category : Training			
		System : Remaining EPIC Headend - PD & VIEWpath			
SE-0074		Construction - Owner Training	1		
		Category : Pro Audio			
		Miscellaneous			
SP-1096		70V/8 Ohm Indoor/Outdoor Wall Speaker, Black	14		
		Category : EPIC System School Equipment			
SE-0083.		Install Supply Kit	93		
		Category : VIEWpath System Equipment			
NE-1052		Tile Bridge for EduCam PTZ-C/EduCam360-C	72		
		Category : Services			
SE-0002		Installation Labor Per Hour	10		
SE-0037		Installation of 2-Way Intercom System	6		
SE-0038		Installation of Common Zone Amplifier	2		
SE-0012		Lift Rental	1		
SE-0025		Travel Services	1		
SE-0064		Installation of Camera	72		
SE-0073		Project Management Services	81		
SE-1068		Installation of 70V Equipment	18		
SE-0032		Inspection & Commissioning	81		
SE-0081		Installation of Wallplate	81		
SE-0035		Installation of Audio System	73		



