

SULLIVAN COUNTY PURCHASING

INVITATION TO BIDS

#EM2021-176(KD)

INTERCOM, PAGING, AND EMERGENCY MESSAGING
SYSTEM FOR WEST RIDGE HIGH SCHOOL

Proposals to be received by 2:00 p.m., Eastern Time

March 16, 2021

Submit Proposals to:
Sullivan County
Purchasing Department
Suite 201
3411 Hwy 126
Blountville, TN 37617

**SULLIVAN COUNTY PURCHASING DEPARTMENT
INVITATION TO BIDS
#EM2021-176(KD)**

Proposals Due By: March 16, 2021 @ 2:00 p.m.

Pre-bid: Tuesday, March 9, 2021 @ 10:00 a.m.

VENDOR INFORMATION

Company Name _____

Address _____

City _____ State _____ Zip _____

Contact Person & Title _____

(Please Print)

Telephone Number _____ Fax Number _____

Email of Contact Person _____

Authorized Signature _____

Date of Signature _____

1. **Purpose and Objective**

- A. The Office of the Sullivan County Purchasing Agent on behalf of the Sullivan County Department of Education is accepting sealed bids until **Tuesday, March 16, 2021 @ 2:00 p.m.** for the Turnkey Solution to provide a **Telecor II-XL Intercom, Paging and Emergency Messaging System at West Ridge High School.**
- B. A Pre-Bid Meeting is scheduled **on Tuesday, March 9, 2021 @ 10:00 a.m.** at the main entrance to West Ridge School located at 380 Lynn Road, Blountville, Tennessee, 37617.

2. **General Information**

- A. This ITB will be made available to all interested Bidders upon request. The Bidder is advised to read this ITB in its entirety. Failure to read and/or understand any portion of this ITB shall not be cause for waiver of any portion of this ITB.
- B. The Bidder must offer a turnkey project, assuming full responsibility for providing a fully functional system. The system will provide adequate coverage throughout the building including classrooms, hallways, gym, eating areas, kitchen, common areas and outside the building. They system will include bell and emergency tones and have scheduling capabilities for bells.
- C. A file with the overall special systems drawings from the electrical prints will be available by request.

3. **Proposal Submittal**

- A. All proposals must be submitted on forms supplied in the bid package and shall be subject to all requirements of the ITB, including the Drawings, and these instructions to Bidders.
- B. ITB documents, including the Bid Guaranty, shall be submitted in a sealed envelope, and bearing on the outside, **the name of the Bidder, his address, the name of the project for which the bid is submitted, the contractor's valid Tennessee license number, classification of the license, and the date on which the license expires, otherwise the bid will not be considered.**

The bid envelope shall also bear a list of the following major sub-contractors, if any, and their respective Tennessee license numbers and expiration dates. Mechanical, Plumbing, Electrical, HVAC, Sprinkler or Masonry.

If the Bidder chooses to submit his bid by mail, the Bid envelope should be placed inside another envelope which bears the mailing address below. The outside of the mailing envelope should be clearly labeled **"ITB #EM2021-173(KD) Intercom, Paging, and Emergency Messaging System for West Ridge High School"**. In order to receive consideration, the sealed proposal must be delivered to the Office of the Sullivan County Purchasing Agent on or before the day/time indicated.

C. Proposals shall be addressed and delivered to:

Sullivan County Purchasing Agent
Attn: Kristinia Davis
3411 Highway 126
Blountville, TN 37617

D. Any proposal received after the time and date on the cover sheet will not be considered. It shall be the sole responsibility of the submitting entity to have the proposal delivered to the Sullivan County Purchasing Department on or before that date. Proposals that arrive late due to the fault of the United States Postal Service, United Parcel Service, DHL, FEDEX, any delivery/courier service, or any other carrier of any sort are still considered late and shall not be accepted by Sullivan County. Such proposals shall remain unopened and will be returned to the submitting entity upon request.

E. Sullivan County and/or the Department of Education will not be responsible for any costs incurred by the Bidder in preparing and submitting its response to this ITB.

F. By submission of a signed bid, the bidder certifies total compliance with Title VI and Title VII of the Civil Rights Act of 1964, as amended, and all regulations promulgated thereunder.

4. **Interpretations or Addenda**

A. Any inquiries or requests concerning interpretations, clarification or additional information pertaining to this proposal must be e-mailed to Kristinia Davis @ kris.davis@sullivancountyttn.gov by 5:00 p.m. Eastern time on Thursday, March 11, 2021. In no case will verbal communication override written communication or documentation. Every interpretation made to a bidder will be in form of an Addendum to the Documents, and when issued, will be on file in the office of the Purchasing Agent. In addition, all Addenda will be e-mailed or faxed to each person holding bid documents, but it shall be the bidder's responsibility to make inquiry as to the Addenda issued. All such Addenda shall become part of the Contract and all bidders shall be bound by such Addenda, whether or not received by the bidder.

5. **Instructions to Bidder**

A. The Bidder is advised to read this ITB in its entirety. Failure to read and/or understand any portion of this ITB shall not be cause for waiver of any portion of this ITB.

All proposals shall be submitted as follows:

- ITB (this document)
- Price Proposal
- Warranty/Service

- Bid Bond
- Compliance Affidavits

6. **Withdrawal of Proposals**

- A. Any submission of proposals may be withdrawn and/or resubmitted up until the date and time for opening of the bids. Any submission not so withdrawn shall, upon opening, constitute an irrevocable offer for a period of ninety (90) calendar days following the bid date.

7. **No Contact Policy**

- A. From the period beginning on the date of the issuance of the ITB and ending on the date of the award of the contract, no candidates submitting in response to this ITB, nor any individuals, consultants, or affiliates of such candidates shall contact through any means or engage in any discussion regarding this ITB, the selection process, or contract award with any member of the School Board, County Commission, County Mayor, School Department, apart from the designated point of contact referenced above in regard to clarification requests. Any such contact may be grounds for the disqualification of the submittal. Proposals must include a notarized No Contact/No Advocacy Affidavit (to be found in the "Submission Forms" section of this document).

8. **Bid Guaranty**

- A. Each bid must be accompanied by a Bidder's Bond, executed by the Bidder and Surety Company licensed to do business in the State of Tennessee, or a certified check, in the sum of not less than five percent (5%) of the amount of the bid made payable to Sullivan County Trustee, and including the consideration of additive alternates, if any. Certified checks will be deposited by Sullivan County and refunded within ten (10) days after opening of bids with the exception of the two (2) lowest bidders. The remaining bid bonds or refund checks will be returned promptly after the Owner and the accepted bidder have executed the contract or, if no award has been made within thirty (30) days after the bid opening date, upon demand of the bidder of his bid. The successful bidder, upon his failure or refusal to execute and deliver the contract and bonds required within ten (10) calendar days after he has received notice of the acceptance of his bid, shall forfeit to the Owner, as liquidated damages for such failure or refusal, the security deposited with his bid.
- B. The successful bidder will be required to execute the **Performance and Payment Bonds** in the amount equal to One Hundred Percent (100%) of the Contract Price.

9. **Insurance**

The successful Contractor shall provide proof of and shall always during the term hereof, maintain valid and in-force insurance policies and with coverage limits as set forth below:

- A. Worker's compensation and employer's liability insurance with statutory coverage limits for the protection of all of Contractor's employees, including, without limitation,

executive, managerial and supervisory employees, whether or not engaged in the performance of the Work.

- B. Such policies of insurance for each and every motor vehicle to be used by the Contractor in the performance of the Work (the "Motor Vehicles"), with such policies of insurance for Contractor's Motor Vehicles to include no less than \$1,000,000 in liability coverage.
- C. A policy of general liability insurance covering loss resulting from the Contractor's direct and indirect activities hereunder (including those activities of any of its subcontractors) and covering property damage and injury to any person (including death) which or who might be damaged or injured as a result of, in conjunction with, or arising out of Contractor's performance of the Work. Bodily Injury Liability coverage (including death) and Property Damage Liability coverage shall be a minimum of \$1,000,000 per occurrence and \$2,000,000 in the aggregate per jobsite, project or location. This coverage shall be primary and non-contributory.
- D. Coverage requirements shall be evidenced by one or more certificates of insurance naming Owner as an additional insured, which certificates or policy endorsements shall provide that the policies represented thereby may not be (i) canceled, (ii) allowed to expire, or (iii) altered with respect to the substantial terms thereof except upon thirty (30) days prior written notice to Owner. For purposes of this paragraph, "substantial terms" shall be deemed to include, but shall not be limited to the coverage limits and deductible of the applicable policy.

10. **Primary Insurance and Waiver of Subrogation**

- A. Contractor (and its insurers) shall be primarily liable for the defense and payment of any claims as a result of, in conjunction with, or arising out of the performance of the Work. Contractor waives any and all of its subrogation rights against Owner, and any and all of its insurers in any such claims.

11. **Patent**

- A. The Contractor shall hold and save Sullivan County and Sullivan County Department of Education, its officers, and employees, harmless from liability of any nature or kind, including costs and expenses, for, or on account of, any patented or unpatented invention, process, article, or appliance manufactured or used in the performance of the Contract, including its use by Sullivan County Department of Education, unless otherwise specifically stipulated in the specifications.

12. **Inclement Weather**

During period of inclement weather, the Purchasing Department will enact the following procedures with regard to solicitations and weather delays:

- A. If County offices are closed due to inclement weather on the date that bids/proposals/qualifications/letters of interest are due into the Purchasing Department, all solicitations due that same day will be moved to the next operational business day.
- B. The County shall not be liable for any commercial carrier's decision regarding deliveries during inclement weather.

13. **Licenses, Permits, Taxes**

- A. The price or prices for the services shall include full compensation for all taxes, permits, etc., that the bidder is or may be required to pay.
- B. Sullivan County is exempt from all State sales taxes. Tax exemption certificate will be supplied upon request.

14. **Warranties**

- A. Warranty conditions for all supplies and/or equipment and service shall be considered a minimum one (1) year warranty. Bidder shall be an authorized dealer, distributor, or manufacturer for the product. All equipment that is bid/proposed shall be new.
- B. If a bidder's bid/proposal is accepted by Sullivan County, the bidder shall not limit or exclude any implied warranties and attempt to do so shall render the contract voidable at the option of the Department of Education. Bidder warrants that the goods furnished will conform to the specifications and descriptions listed in the bid/proposal invitation.

15. **Forfeiture for Failure to Execute Contract**

- A. If a bidder is awarded the Contract but fails or refuses to execute the contract within ten (10) calendar days from the date of notification of award, the Sullivan County Purchasing Department may award the contract to the bidder whose bid was rated as the next best value to the Department of Education.

16. **Non-Performance**

- A. Continuing non-performance of the bidder in terms of specifications shall be a basis for the termination of the contract bid/proposal. Cancellation by the Purchasing Department may be made upon thirty (30) calendar day's written notice to the successful vendor. The Sullivan County Department of Education shall not pay for work, equipment, or supplies which are unsatisfactory. Vendors will be given a reasonable opportunity (30 calendar days) before termination, to correct the deficiencies. This, however, shall in no way be construed as negating the basis for termination for non-performance.
- B. If, at any time, the vendor fails to fulfill or abide by the terms, conditions, or specifications of the contract, Sullivan County reserves the right to:

1. Purchase on the open market and charge the Bidder the difference between contract and actual price, or
 2. Deduct charges from existing invoice totals due at the time, or
 3. Cancel the contract within (30) days written notification.
- C. Sullivan County Department of Education shall have the right to cancel for default all or any part of the undelivered portion of this order if vendor breaches any of the terms hereof including warranties of vendor or if the vendor becomes insolvent or commits acts of bankruptcy. Such right of cancellation is in addition to and not in lieu of any other remedies which the Sullivan County Department of Education may have in law or equity.

17. **Award of Contract**

- A. Sullivan County reserves the right to accept or reject any and all bids/proposals and to waive any irregularities or informalities in any bid/proposal or in the bid/proposal process. The contract will be awarded to the lowest, responsible, compliant bidder meeting the specifications and whose bid/proposal is most advantageous to the Sullivan County Department of Education.

18. **Development of Specifications**

- A. Brands of equal quality or type are not acceptable due to standardizing of equipment and systems throughout the entire school system.

19. **Introduction**

General

- A. Bidders are encouraged to come to the pre-bid meeting, verify all existing items shown on plans or specified, and be familiar with the working conditions, hazards, and local requirements involved. Submission of bids shall be deemed evidence of such visit. All proposals shall take these existing conditions into consideration before bidding.
- B. All materials, unless otherwise specified, shall be new, free from any defects, and of the best quality of their respective kinds. All like materials used shall be of the same manufacture, model, and quality, unless otherwise specified.
- C. Contractor shall do all necessary cutting and drilling of present walls, floors, ceilings, etc., for the installation of new work; but no structural work shall be cut, unless specifically shown on drawings and/or approved by the Owner. All exposed building surfaces damaged by installation or removal of electrical work shall be patched and finished in the same materials and manner as adjacent areas by this Contractor.

20. **Raceways and Cables**

- A. Electrical work will conform to the National Electric Code and applicable local ordinances.
- B. All 125-volt electrical conductors shall be installed in galvanized electrical metallic tubing with compression type fittings and couplings, minimum 1/2" size conduit.
- C. All low-voltage wires and cables concealed in walls shall be run in EMT conduits from flush outlet boxes to above accessible ceilings. Provide conduits where cables penetrate firewalls above ceilings.
- D. All EMT entering boxes shall be served with insulating throat connectors and locknuts.
- E. No raceway shall be located in proximity of hot water lines or excessive heat.
- F. Where raceways cannot be run concealed in walls, use Wiremold Series surface raceway complete with all fittings, box extension rings, and required accessories. Coordinate routing of surface raceways with SCDE Maintenance Director.
- G. Use Cast "C" clamps, "U" straps, or ring hangers attached to rods, and/or brackets fastened to structure.
- H. No perforated straps or tie wires permitted for supporting raceways.
- I. Use wire ties for supporting low voltage cables run concealed above ceilings. Do not run cables loose on ceiling tiles. Support from structure above. Group cables in bundles.
- J. Tie mounts, plates, and anchors shall be used.
- K. Ground all electrical apparatus in accordance with the National Electric Code.

21. **Quality Assurance**

- A. Manufactures: Firms regularly engaged in manufacture of integrated communication systems, time keeping systems, and ancillary equipment, of types and capacities required, whose products have been in satisfactory use in similar service for no less than five (5) years.
- B. Installer's Qualifications: Firms with at least five (5) years of successful installation experience with projects utilizing integrated communications systems and equipment similar to that required for this project.
- C. All items of equipment including wire and cable shall be designed by the manufacture to function as a complete system and shall be accompanied by the manufacturer's complete service notes and drawings detailing all interconnections.
- D. The Contractor shall be an established communications and electronics Contractor that has had and currently maintains a locally run and operated business for at least five (5)

years. The Contractor shall be a duly authorized distributor of the equipment supplied with full manufacturer's warranty privileges.

- E. The Contractor shall show satisfactory evidence, upon request, that they maintain a fully equipped service organization capable of furnishing adequate inspection and service to the system. The Contractor shall maintain at their facility the necessary spare parts in the proper proportion as recommended by the manufacturer to maintain and service the equipment being supplied.
- F. Except where specifically noted otherwise, all equipment supplied shall be the standard product of a single manufacturer of known reputation and experience in the industry. The Contractor shall have attended the manufacturer's installation and service school and upon request must show proof of attending such a school.

22. **Scope of Work**

- A. Furnish and install all materials, labor, equipment, permits, etc., to provide communications system as described herein and illustrated on the drawing for a complete operating system. Awarded Contractor will be responsible for adequate coverage throughout the building including classrooms, hallways, gym, eating areas, kitchen, and common areas and outside the building in approved areas. The system must have hybrid IP option to feed separate buildings fed with fiber optic cable. The system must be able to integrate with school system IP based phone system. All rooms must be capable of talkback including rooms designated with A, B, or C after room number. There will be **no** clocks, master clocks or call switches. Must have server with monitor and keyboard at head in and desk console at front desk in office area. Cabling plenum rated in cable tray or j-hooks. Any additional conduit and raceways will be provided by awarded contractor. Any damage to ceiling grid or tiles during the install will be the responsibility of the awarded contractor to replace (**no exceptions**).
- B. All manufactured articles, material, and equipment shall be applied, installed connected, erected, used, cleaned, adjusted, and conditioned as recommended by the manufacturers, or as indicated in their published literature, unless specifically herein specified to the contrary.
- C. All work shall be performed by competent professionals and executed in a neat and professional manner providing a thorough and complete installation. Work shall be properly protected during construction, including the shielding of soft or fragile materials. At completion, the installation shall be thoroughly cleaned, and all tools, equipment, obstructions, or debris present as a result of this portion of work shall be removed from the premises.
- D. Program the operational characteristics matching the operation described herein, adjusting for call routing, transfers, priorities, and volume levels.
- E. Provide speakers in all rooms,

- F. The Contractor shall provide a minimum of eight (8) hours of in-service training with this system. These sessions shall be broken into segments, which will facilitate the training of individuals in the operation of this system. Operator Manuals and User Guides shall be provided at the time of this training.
- G. The Contractor shall provide factory certification, all software and license keys for staff that will operate and maintain the system at the expense of the contractor.
- H. The Contractor shall be capable of service response time within two (2) hours and a 50-mile radius, 365 days a year, 24 hours a day.

23. **Summary**

- A. Work Included: The scope of work of this section consists of the installation, and programming of all materials to be furnished under this SECTION, and without limiting the generality thereof, consists of providing all labor, materials, equipment, plant, transportation, appurtenances, and services necessary and/or incidental to properly complete all work, as described in the specifications, or as reasonably inferred from SCDE, as being required and in general, is as follows:
 - 1. Supervised Network Intercom and Paging System, including but not limited to:
 - a. Supervised network amplifiers, back boxes, and all equipment, cabling and support required to interface the public address system to SCDE's telephone system via SIP Trunk Interface.
 - b. Supervised network system speakers, and ceiling mounted speakers, wall mounted horn, both interior and exterior.
 - c. Cabling to support the Public Address System (NOTE: category 6 or 6E cable must conform to SCDE guidelines. Coordinate with SCDE prior to submission for approval).
 - d. Emergency communication shall be initiated by the local console or from a centrally located district office via a District Wide Emergency Communication platform (included/not included in this contract). Emergency communication shall include but not be limited to, pre-recorded audio, live audio, emergency textual message display activation, computer pop-up notification, SMS Text message, and email.

24. **Submittals**

- A. Submit the shop drawings, product data, and quality control submittals specified below at the same time as a package.

- B. Shop Drawings: Composite wiring and/or schematic diagrams of the complete system as proposed to be installed. Drawing shall include relative position of all major components, typical connections, field components, accessories, and cable types.
- C. Quality control shall include the following:
 - 1. Name, address, and telephone number of the nearest fully equipped service organization.
 - 2. Submit a certificate of completion of installation and service training from the system manufacturer.
 - 3. Submit a list of comparable completed projects. Furnish the name, address, telephone number, and contact name of end user.

25. **PRODUCTS**

General Description of Network Internal Communication System

- A. Supply and install a complete supervised network-based intercom system. Field wiring shall be CAT 6 or CAT 6E cable, control wiring for power distributions and very long runs, and utilize an optional fiber backbone (when distance exceed normal Ethernet limitations). All station equipment shall utilize standard RJ-45 modular connections. All remote devices utilizing standard structured cabling shall be capable of PoE (Power over Ethernet) or power supplied within the CAT 6 or CAT 6E cable jacket. Wiring shall be capable of either being installed in conduit or cable trays, where shown on the plans.
- B. The system shall be capable of interconnecting with the building LAN (Local Area Network). This connection shall be minimal and utilize only one Ethernet 100 Mbps (or optionally 1 Gb) connection per station to accomplish all intercom operations. Ethernet ports and associated network switches that are required to connect any intercom devices will be provided by SCDE.
- C. Provide a separate circuit for each room and administrative office so each room, speaker, amplifier, and emergency messaging display/clock can be individually addressed.
- D. Overall intercom communications network shall utilize Ethernet and Hybrid VoIP communications between all major components: administrative consoles, intercom stations, amplifiers and individual paging speakers, and network switches. Systems not utilizing Ethernet or VoIP communications protocol to each end-point device will not be acceptable. Systems not capable of supervising all networked devices including network amplifiers, network speakers, notification switches, and emergency messaging display/clocks will not be acceptable.
- E. The network shall support a VLAN configuration to separate activity in the intercom system from other in building LAN traffic. In locations where the supervised network

communications system will be considered as part of the facilities life safety systems, a dedicated and isolated network shall be required.

26. **Description of Network Intercom/PA Features**

- A. All station devices shall receive power and data through a Power-Over-Ethernet switch. Once plugged into the LAN through a Power-over-Ethernet network switch, all networked devices shall be immediately operational and as applicable shall be able to place or receive calls and pages from Stations as well as page all devices in the network. Consoles, intercom stations, clocks, emergency displays, or speakers connected to the network shall not require any network configuration or administration to function.
- B. Speech shall be transmitted in the frequency range from 50 Hz to 7 kHz and shall use a maximum of 128 kbps of bandwidth during a call. In order to assure maximum intelligibility, all system audio shall be HD Audio as defined in Intel™ High-Definition Audio Specifications, June 17, 2010.
- C. Intercom communications between consoles and system devices shall be non-blocking with no channel restrictions or limitations (other than network capacity) to the number of simultaneous conversations at any time between airs of intercom stations, intercom station to console, console to console, console to speaker or zone of speakers, program source to a speaker or zone of speakers, or bell tones to a speaker or zone of speakers regardless of number of stations or consoles.

27. **Supervised Network Administrative Control Console**

- A. The Console shall provide a 2-line by 20-character LCD display. The display shall be able to be titled at different angles for optimum viewing. When there are no active calls, the display shall show the Console name and dial number. If a time server is connected to the network, the display shall also show the time and date.
- B. Incoming calls to a Console shall show the originating station dial number and name on the Console display. Calls shall be displayed in the order they are received. The operator shall be able to scroll through the list of calls and answer them out of sequence. Emergency call-ins shall be distinctly annunciated both visually and audibly.
- C. The Console shall allow call-ins to be forwarded to another Console, or for calls to be put on hold or transferred to another Console location. Additionally, call-ins or calls shall be forward/transfer-able to PBX telephone extensions via a SIP trunk interface.
- D. The Console shall be able to select remote audio sources connected at any location on the local area network and distribute the audio broadcast from the source to all speakers in a facility or to selected areas such as a speaker zone or a selection of speakers. The Console shall be capable of audio source verification by attendant prior to page zone activation. In this manner attendants shall be able to listen to the audio source locally, including listening to pre-recorded announcements, prior to system broadcast.

- E. The Console shall be able select a tone or a pre-recorded announcement and broadcast the tone or announcement to all facility speakers or to select areas, such as a speaker zone or a selection of speakers.
- F. The Console shall be equipped with digital volume control that shall allow for the separate adjustment of the speaker listen and handset listen volumes. The levels for intercom listen, tones, and program distributions shall be independently adjusted and stored in memory.
- G. The system shall allow user programming of alphanumeric architectural room names and numbers. The Console shall be capable of using 1-to-7-digit sequences for dial out and call-in identification, and shall display station numbering, station name, and call-in priority.
- H. The end-user shall be allowed to choose and determine the number and location of Consoles. The end-user shall not be limited by pre-set manufacturer limitations of the number of Consoles required by this project, allowing for unrestricted future expansion. Consoles may be added at any time. Consoles added by the end-user that exceed the engineered design for this project shall be at owner's expense. Communication between consoles or consoles and intercom stations or rooms shall not be inhibited by channel number restrictions.
- I. The Console shall be capable of displaying room statuses such as Privacy and Do Not Disturb and shall have the ability to override any status limiting communication between the Console and a station with Privacy or Do Not Disturb status activated. Temporary override shall not interfere with continued activation of Privacy and Do Not Disturb after communication has been established and electively terminated.

28. **Supervised Network Intercom Talk-Back Speaker**

- A. The Network Speaker shall provide a dry contact output that can be activated remotely from a station or from a console, such as may be required in a door release application.
- B. The Network Speaker shall receive power and data over a RJ45 connect CATSE/6 cable via a Power-Over-Ethernet switch port. Once plugged into the LAN through a Power over Ethernet network switch, the Network Speaker shall be immediately functional and be able to receive calls and pages from consoles on the network. The Network Speaker shall not require any network configuration or administration to function.
- C. The Network Speakers shall support talkback; to optimize intelligibility talkback capabilities shall be supported via a microphone conditioned for low noise, HD audio, and with compression and noise gate capability. Stations that use the speaker instead of a separate microphone for talkback capability shall not be accepted.
- D. The Network Speaker shall have a call-in roll-over feature where if it places a call-in to a primary call destination which is not answered after a preset amount of time, the call-in shall be automatically escalated to a secondary call-in destination. If both the primary and secondary call-in destinations are unavailable, the call-in shall be redirected to a back-up Station, Console, or telephone device.

- E. The Network Speaker shall have the capability to be configured as a member of 1 or more paging zones.
- F. The Network Speaker shall support the direct connection with RJ45 connectors of two, supervised room notification stations. The stations shall provide the means for: normal calls, emergency calls, privacy mode, and do not disturb mode. Notification stations shall include a call placed assurance status LED to indicate a call has been placed. Notification stations shall be supervised and immediately indicate disconnection or a wiring fault.
- G. In addition to the visual call-in assurance status indicators on the notification stations, call-in assurance status indication must also be provided on the associated speaker. Also, in addition to visual call-in assurance, audible call-in assurance shall also be provided in support of persons with visual disabilities.
- H. Under blackout conditions the notification station shall be illuminated such that it can be located in the dark.

29. **Supervised Network Amplifiers**

- A. The Supervised Network Amplifier (subsequently referred to as Network Amplifier) shall provide a minimum of 25 watts for paging and public address and shall be capable of utilizing analog amplifiers to increase the amount of amplified signal from the network amplifier. The Network Amplifier shall be connected directly to the network switch by an RJ45 connector and shall receive signals directly from the network.
- B. The Network Amplifier shall be supervised and in the event that network communications is lost, an audible alert shall sound on the Amplifier. The Network Amplifier shall provide a silence feature to mute the audible alert for 24 hours.
- C. The Network Amplifier shall also be capable of receiving local input from local devices such as tape decks, iPod docks, CD players, etc. The network amplifier shall be capable of transmitting signals received from the local input to other network locations or locally to directly connected 25/70 volt or 8-ohm analog speakers.
- D. Each Network Amplifier shall be capable of providing two audio inputs for local devices and shall be programmable as either a microphone or line-level input.
- E. The Network Amplifier shall be controlled remotely such that audio programs, input, tones, textual messages, or announcements may be initiated by other devices connected at different locations on the local area network.
- F. The Network Amplifier shall have a minimum of 4 local tone/pre-recorded announcement audio message control lines which when activated will distribute tones/pre-recorded audio messages to intended network amplifiers for re-distribution, network talk-back speakers (or a zone), and/or local 25/70 volt or 8-ohm analog speakers directly connected to amplifier. Each network amplifier shall be capable of storing four (4) pre-recorded announcements in addition to a minimum of 16 tones. Tones and announcements shall be activated locally or from other network devices.

- G. The Network Amplifier shall store and transmit companion textual messages for each stored audio announcements. Textual messages shall be automatically broadcasted to the same zone along with the audio messages such that any device programmed for that zone automatically receives both the audio and textual announcement/message and automatically reproduced each or both messages to the extent of the devices' capabilities.
- H. The Network Amplifier shall be capable of transmitting HD level audio as defined by Intel™ High-Definition Audio specifications, June 17th, 2010 at a minimum.
- I. The Network Amplifier shall shut down to protect itself should an output short circuit fault or overload occur that jeopardizes the integrity of the Network Amplifier.

30. **Execution**

- A. Install the system in accordance with the manufactures printed instructions and recommended cable types.
- B. Provide point to point wiring diagrams showing location of all wire pulls. Mark all cables corresponding to point to point wiring diagrams.
- C. System Acceptance Test
 - 1. Have the company field adviser adjust the completed system to desired volume levels of customer.
 - 2. The system shall operate for a least two weeks with no failures or changes required.
 - 3. Test every circuit in the system to ensure proper operation.
 - 4. Test each daily function school will be using making sure staff is knowledgeable in the operation of the system.
- D. The Contractor shall, at the Owner's request, make available a service contract offering continuing factory authorized service of this system after the initial warranty period.
- E. The system manufacturer shall maintain engineering and service departments capable of rendering advice regarding installation and final adjustment of the system.

SULLIVAN COUNTY PURCHASING

#EM2021-176(KD)

INTERCOM, PAGING, AND EMERGENCY MESSAGING SYSTEM

FOR: WEST RIDGE HIGH SCHOOL

COST ANALYSIS

The undersigned agrees to furnish all materials, labor, training and shipping/handling to install a New Intercom, Paging, and Emergency Messaging System for Sullivan East Middle School as per the attached specifications, drawings and as discussed at the pre-bid meeting and in compliance with all local/state requirements.

Indicate Anticipated Begin Date: _____

Indicate Anticipated Completion Date: _____

Total Purchase Price \$ _____

Note: Price Quotation shall be guaranteed for a minimum of ninety (90) days from opening date.

Vendor: _____

Authorized Agent (Print Name and Title) _____

Phone: _____ Fax _____ E-mail _____

Signature: _____ Date _____

“BID BOND”

No Contact/No Advocacy Affidavit

State of _____

County of _____

_____, being first duly sworn, deposes and says that:

(1) He/She is the owner, partner, officer, representative, or agent of _____
_____, the Proposer that has submitted the attached Proposal.

(2) The Proposer _____ swears or affirms that he/she will abide by the following "No Contact" and "No Advocacy" clauses:

a) **NO CONTACT POLICY**: After the posting of this solicitation to the Purchasing Division's website, any contact initiated by any proposer with any Sullivan County representative concerning this proposal is strictly prohibited, unless such contact is made with the Sullivan County Purchasing Agent. Any unauthorized contact may cause the disqualification of the proposer from this procurement transaction.

b) **NO ADVOCATING POLICY**: To ensure the integrity of the review and evaluation process, companies and/or individuals submitting proposals for any part of this project, as well as those persons and/or companies representing such proposers, may not lobby or advocate to Sullivan County staff including, but not limited to, members of Sullivan County Commission, Sullivan County Office of the Mayor, Sullivan County School Board or any other Sullivan County staff.

Any company and/or individual who does not comply with the above stated "No Contact" and "NO Advocating" policies may be subject to having their proposal rejected from consideration.

Signed: _____

Title: _____

Subscribed and sworn to before me this _____ day of _____, 20__

_____, Notary Public

My Commission expires: _____

NON-COLLUSION AFFIDAVIT

State of _____

County of _____

_____, being first duly sworn, deposes and says that:

- (1) He/She is the _____ of _____, the firm that has submitted the attached Proposal.
- (2) He/She is fully informed respecting the preparation and contents of the attached Proposal and of all pertinent circumstances respecting such Proposal;
- (3) Such Proposal is genuine and is not a collusive or sham Proposal;
- (4) Neither the said firm nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, with any other vendor, firm or person to submit collusive or sham proposal in connection with the contract or agreement for which the attached Proposal has been submitted or to refrain from making a proposal in connection with such contract or agreement, or collusion or communication or conference with any other firm, or , to fix any overhead, profit, or cost element of the proposal price or the proposal price of any other firm, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against Sullivan County or any person interested in the proposed contract or agreement; and
- (5) The proposal of service outlined in the Proposal is fair and proper and is not tainted by collusion, conspiracy, connivance, or unlawful agreement on the part of the firm or any of its agents, representatives, owners, employees, or parties including this affiant.

Signed: _____

Title: _____

Subscribed and sworn to before me this _____ day of _____, 20____,

_____, Notary Public

My Commission expires: _____

DRUG-FREE WORKPLACE AFFIDAVIT

STATE OF _____

COUNTY OF _____

The undersigned, principal officer of _____, an employer of five (5) or more employees contracting with _____ County government to provide construction services, hereby states under oath as follows:

1. The undersigned is a principal officer of _____ (hereinafter referred to as the “Company”), and is duly authorized to execute this Affidavit on behalf of the Company.
2. The Company submits this Affidavit pursuant to T.C.A. § 50-9-113, which requires each employer with no less than five (5) employees receiving pay who contracts with the state or any local government to provide construction services to submit an affidavit stating that such employer has a drug-free workplace program that complies with Title 50, Chapter 9, of the *Tennessee Code Annotated*.
3. The Company is in compliance with T.C.A. § 50-9-113.

Further affiant saith not.

Principal Officer

STATE OF _____

COUNTY OF _____

Before me personally appeared _____, with whom I am personally acquainted (or proved to me on the basis of satisfactory evidence), and who acknowledged that such person executed the foregoing affidavit for the purposes therein contained.

Witness my hand and seal at office this _____ day of _____, 20_____

Notary Public

My commission expires: _____

IRAN DIVESTMENT ACT AFFIDAVIT

As per Tennessee Code Annotated, Title 12, and effective July 1, 2016:

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to §12-12-106.

Signature

Date