

COUNTY OF McHENRY
McHENRY COUNTY ADMINISTRATION BUILDING
PURCHASING DEPARTMENT - ROOM 200
2200 N. SEMINARY AVENUE
WOODSTOCK, IL 60098

Sealed bids will be accepted in the above office until

February 15, 2018 at 2:00 P.M. (CST)

**For
BID #18-15**

PROVIDE A STATION ALERTING SYSTEM

CONTACT - PURCHASING
MCHENRY COUNTY ADMINISTRATION BUILDING
2200 N. SEMINARY AVENUE-- ROOM 200
WOODSTOCK, IL 60098
Phone - (815) 334-4818
Fax - (815) 334-4680
Email - purchasing@co.mchenry.il.us

COMPANY

DATE

CONTACT PERSON

ADDRESS

E-MAIL ADDRESS

CITY, STATE AND ZIP

TELEPHONE NO

FAX NO.

FEIN, or Social Security NUMBER

The attention of bidders is directed to the McHenry County Purchasing Ordinance, approved August 1, 2014. This Ordinance is incorporated by reference into this bid as if it were contained herein. If you have not received a copy of the above Ordinance and desire a copy, please contact the office of the Director of Purchasing.

SCOPE OF WORK

Provide A Station Alerting System to the County of McHenry as outlined within this document. Subject to continuing need and availability of funds. All requirements are per specifications enclosed herein.



SCHEDULE OF EVENTS

January 31, 2018	Bid Available
February 6, 2018	Vendors Questions Submitted via fax to 815-334-4680 or email to purchasing@co.mchenry.il.us by 12:00 P.M.(CST)
February 8, 2018	Vendors Questions Answered via fax and Posted on Website by 4:00 P.M.(CST)
February 15, 2018	BID DUE in Purchasing at 2:00 P.M.(CST)

PAYMENT

Payment will be processed after receipt of delivery invoice and appropriate affidavit.

NON-DISCRIMINATION

Contractor shall comply with the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq., as amended and any rules and regulations promulgated in accordance therewith, including, but not limited to the Equal Employment Opportunity Clause, Illinois Administrative Code, Title 44, Part 750 (Appendix A), 775 ILCS 5/1-102, which is incorporated herein by reference, and constituting of a written EEO Policy and a workforce profile that demonstrates its EEO practices. Furthermore, the Contractor shall comply the Public Works Employment Discrimination Act, 775 ILCS 10/0.01 et seq., as amended. The Contractor must have a written sexual harassment policy, which meets Illinois State Statutes, 775 ILCS, 15/3.

PREVAILING WAGE

The State of Illinois requires under Public Works Contracts that the general prevailing rate of wages in this locality be paid for each craft or type of worker hereunder. This requirement is in accordance with The Prevailing Wage Act, 820 ILCS 130/0.01 et seq., as amended. This shall include payment of the general prevailing rate for legal holiday and overtime work. It shall be mandatory upon the subcontractor under the Contractor. A copy of the prevailing wage rates is posted on the McHenry County website at www.co.mchenry.il.us under BIDS and RFP's. If wage rates change during the course of the project, the new rates will be available in the County of McHenry Purchasing Office. Contractors may access the Illinois Department of Labor website for updates at www.state.il.us/agency/idol.

It shall also be mandatory upon the Contractor to whom the Contract is awarded to insert into each subcontract and into the project Specifications for each subcontract a written stipulation to the effect that not less than the prevailing rate of wages shall be paid to all laborers, workers, and mechanics performing work under the Contract. It shall also be mandatory upon each subcontractor to cause to be inserted into each lower tiered subcontract and into the project Specifications for each lower tiered subcontract a stipulation to the effect that not less than the prevailing rate of wages shall be paid to all laborers, workers, and mechanics performing work under the Contract. A Contractor or subcontractor who fails to comply is in violation of the Act.

CERTIFIED PAYROLL REQUIREMENTS (Public Act 94-0515)

Effective August 10, 2005 contractors and subcontractors on public works projects must submit certified payroll records on a monthly basis to the public body in charge of the construction project, along with a statement affirming that such records are true and accurate, that the wages paid to each worker are not less than the required prevailing rate and that the contractor is aware that filing records he or she knows to be false is a Class B misdemeanor.

The certified payroll records must include for every worker employed on the public works project the name, address, telephone number, social security number, job classification, hourly wages paid in each pay period, number of hours worked each day, and starting and ending time of work each day. These certified payroll records are considered public records and public bodies must make these records available to the public under the Freedom of Information Act, with the exception of the employee's address, telephone number and social security number. Any contractor who fails to submit a certified payroll or knowingly files a false certified payroll is guilty of a Class B misdemeanor.

INCREASED PENALTIES FOR PREVAILING WAGE VIOLATIONS (Public Act 94-0488)

Effective January 1, 2006, penalties for violations of the Prevailing Wage Act will increase from 20% to 50% of the underpaid amounts for second or subsequent violations. An additional penalty of 5% of the underpayment penalty must be paid to workers for each month the wages remain unpaid (up from the current 2% penalty).

For violations that occur after January 1, 2006, the debarment period --during which contractors are ineligible for public works contracts -increases from 2 years to 4 years if two notices of violation are issued/serious violations occur within a 5-year period. In addition, a new monetary penalty of \$5,000 may be assessed against contractors who retaliate against employees who report violations or file complaints under the Prevailing Wage Act.

OSHA REQUIREMENTS

The Occupational Safety and Health Act of 1970 (OSHA) "guarantees workers the right to a safe and healthful workplace". Under Section 5(a) (1) of the OSHA Act, the employer must "furnish to each of his employees' employment and a place of employment which are free from recognized hazards that are causing or likely to cause death or serious physical harm to his employees."

There are times when the County must hire entities and individuals (contractors) to perform services. To this end, contractors hired by the County of McHenry must perform their duties in a manner that is complaint with all state and federal health and safety laws and industry guidelines. It is the responsibility of the contractor to ensure that their personnel and subcontractors comply with all state and federal health and safety laws and regulations and industry guidelines, including, but not limited to those set forth by: OSHA and related regulations, the Safety Inspection and Education Act, the Health and Safety Act, the National Institute of Occupational Safety and Health, the National Fire Protection Association, the Centers for Disease Control, American Industrial Hygiene Association, the American Council of Governmental Industrial Hygienists, the Environmental Protection Agency, and the Department of Transportation.

SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS PROJECTS ACT

The successful bidder must be in compliance with State of Illinois HB-1855 (Public Act 095-0635), which amends the Prevailing Wage Act. Before an employer commences work on a public works project, the employer shall have in place a written program, which meets or exceeds the program requirements in this Act, to be filed with the public body engaged in the construction of the public works and made available to the general public, for the prevention of substance abuse among its employees. The testing must be performed by a laboratory that is certified for Federal Workplace Drug Testing Programs by the Substance Abuse and Mental Health Service Administration of the U.S. Department of Health and Human Services.

PROCUREMENT OF GREEN PRODUCTS AND TECHNOLOGIES

As approved by the McHenry County Board in April 2008, it is in the interest of public health, safety and welfare and the conservation of energy and natural resources to use and promote environmentally responsible products. The County should strive to influence private purchases through the example of using government specifications and standards that are green or environmentally friendly when making its purchases.

Whenever available and cost-justified, the County should purchase those materials including the purchase of recycled products containing post-consumer materials rather than residual materials resulting from the processing or manufacturing from another product. To the extent practicable, all products standards shall emphasize functional or performance criteria, which do not discriminate against the use of, recycled materials.

McHenry County should cooperate to the greatest extent feasible with other governments and organizations to develop a comprehensive, consistent, and effective procurement effort intended to stimulate the market for recycled products, reusable products, products designed to be recycled, and other environmentally responsible products.

McHenry County shall continue to participate in and shall encourage other public jurisdictions to participate with the County in the purchase of products containing recycled content. Participation in such cooperative systems shall be aimed at obtaining maximum practical recycled content in County purchases, to obtain best available price for products with recycled content, to facilitate or encourage lower prices industry-wide and to encourage development of industries and markets dealing with recycled content products.

PROCUREMENT OF PRODUCTS THAT ARE ENERGY STAR QUALIFIED

McHenry County shall select, where life cycle and cost-effective, ENERGY STAR and other energy efficient products, when acquiring energy-using products. This information will be required by the bidder in their bid submittal.

SECURITY

The contractor represents and warrants to the County of McHenry that neither it nor any of its principals, shareholders, members, partners or affiliates, as applicable, is a person or entity named as a Specially Designated National and Blocked Person (as defined in Presidential Executive Order 13224) and that it is not acting, directly or indirectly, for or on behalf of a Specially Designated National and Blocked Person. The Contractor further represents and warrants to the County of McHenry that the Contractor and its principals, shareholders, members, partners, or affiliates, as applicable, are not directly or indirectly, engaged in, and are not facilitating, the transactions contemplated by this Agreement on behalf of any person or entity named as Specially Designated National and Blocked Person. The Contractor hereby agrees to defend, indemnify and hold harmless the County of McHenry, the Corporate Authorities, and all County of McHenry elected or appointed officials, officers, employees, agents, representatives, engineers and attorneys, from and against any and all claims, damages, losses, risks, liabilities, and expenses (including reasonable attorneys' fees and costs) arising from or related to any breach of the foregoing representation and warranties.

PURCHASE EXTENSION

This contract shall be offered for purchases to be made by other counties and governmental units within the State of Illinois as authorized by the Government Joint Purchasing Act. All purchases and payments made under this authority shall be made directly by the governmental unit to the Vendor. The County of McHenry shall not be responsible in any way for such purchase orders or payments. All terms and conditions of this contract shall apply to all orders placed by another governmental unit.

ADDENDUM

Should the Vendor require any additional information about this Bid, please fax to Purchasing (815-334-4680) any questions by the deadline as outlined in the schedule of events. ANY AND ALL changes to these specifications are valid only if they are included by Written Addendum to All Bidders. NO interpretation of the meaning of the plans, specifications, or other contract documents will be made orally. If required, all addenda will be faxed to bidder if a Notice of Intent to Bid has been completed and faxed to the Purchasing Office. In addition, all addenda are posted on the County of McHenry's website. Failure of the bidder to receive any such addendum or interpretation shall not relieve the bidder from obligation under this Bid as submitted. All addenda so issued shall become part of the bid documents. Failure to request an interpretation constitutes a waiver to later claim that ambiguities or misunderstandings caused by a bidder to improperly submit a bid.

Response to these questions will be made by means of an addendum. Only the Director of Purchasing has the authority to issue an addendum.

Addenda are written instruments issued by the County prior to the date for receipt of proposals, which modify or interpret the Bid by addition, deletions, clarifications or corrections.

Prior to the receipt of bids, addenda will be faxed or delivered to all who are known to have received a Notice to Bid. Each vendor shall ascertain prior to submitting a bid that all addenda issued have been received and, by submission of a bid, such act shall be taken to mean that such vendor has received all addenda and that the vendor is familiar with the terms thereof and understands fully the contents of the addenda.

TAXES

The County of McHenry is exempt from paying Illinois Use Tax, Illinois Retailers Occupation Tax, and Federal Excise Tax. The bidder's attention is directed to the McHenry County Purchasing Ordinance {S3-10, (9), (10), and (11)}.

INSURANCE

(1) GENERAL

The successful bidder shall maintain for the duration of the contract and any extensions thereof, at bidder's expense, insurance that includes "Occurrence" basis wording and is issued by a company or companies qualified to do business in the State of Illinois that are acceptable to the County, which generally requires that the company(ies) be assigned a Best's Rating of A or higher with a Best's financial size category of Class XIV or higher, in the following types and amounts:

- (a) Commercial General Liability in a broad form, to include, but not limited to, coverage for the following where exposure exists: Bodily Injury and Property Damage, Premises/Operations, Independent contractors, Products/Completed Operations, Personal Injury and Contractual Liability; limits of liability not less than:

\$1,000,000 per occurrence and \$2,000,000 in the aggregate;
- (b) Business Auto Liability to include, but not be limited to, coverage for the following where exposure exists: Owned Vehicles, Hired and Non-Owned Vehicles and Employee Non-Ownership; limits of liability not less than:

\$1,000,000 per occurrence, combined single limit for:
Bodily Injury Liability and Property Damage Liability;
- (c) Workers' Compensation Insurance to cover all employees and meet statutory limits in compliance with applicable state and federal laws. The coverage must also include Employer's Liability with minimum limits of \$100,000 for each incident.

(2) EVIDENCE OF INSURANCE

The successful bidder agrees that with respect to the above required insurance that:

- (a) The County of McHenry shall be provided with Certificates of Insurance evidencing the above required insurance, prior to commencement of the contract and thereafter with certificates evidencing renewals or replacements of said policies of insurance at least fifteen (15) days prior to the expiration or cancellation of any such policies;
- (b) The contractual liability arising out of the contract shall be acknowledged on the Certificate of Insurance by the insurance company;
- (c) The County of McHenry shall be provided with thirty (30) days prior notice, in writing, of Notice of Cancellation or material change and said notification requirement shall be stated on the Certificate of Insurance;
- (d) Subcontractors, if any, comply with the same insurance requirements. In addition to being named as an additional insured on the Certificate of Insurance, each liability policy shall contain an endorsement naming the County of McHenry as an additional insured. A copy of the endorsement shall be provided to McHenry County along with the Certificate of Insurance; and,
- (e) have McHenry County named as an additional insured and the address for certificate holder must read exactly as:

County of McHenry, **a body politic**
2200 N. Seminary Avenue
Woodstock, IL 60098

- (f) Insurance Notices and Certificates of Insurance shall be provided to:

McHenry County, Purchasing Department
2200 N. Seminary Avenue, Room 200
Woodstock, Illinois 60098

HOLD HARMLESS CLAUSE

The successful bidder will agree to indemnify, save harmless and defend the County of McHenry, its agents, servants, and employees, and each of them against and hold it and them harmless from any and all lawsuits, claims, demands, liabilities, losses and expenses, including court costs and attorney's fees, for or on account of any injury to any person, or any death at any time resulting from such injury, or any damage to property, which may arise or which may be alleged to have arisen out of or in connection with the work covered by this contract upon award. The foregoing indemnity shall apply except if such injury, death or damage is caused directly by the willful and wanton conduct of the County of McHenry, its agents, servants, or employees or any other person indemnified hereunder.

BID RESPONSE

It is highly recommended that the vendor completely read the bid prior to filling out to become acquainted with terms and conditions of the bid document and merchandise requirements. No relief will be allowed from the bid conditions unless you take written exception to that condition on your bid.

BIDS MUST BE SUBMITTED IN MULTIPLE FORMS: ONE ORIGINAL, FIVE (5) paper Copies and ONE (1) DIGITAL COPY. ** BIDS ARE DUE BACK BY 2:00 P.M. (CST) ON February 15, 2018. **

SEALED BID ENVELOPES ARE TO BE CLEARLY MARKED WITH THE BID/RFP TITLE, TIME & DATE OF OPENING.

Bidders are urged to respond to this bid request in every case to insure being maintained on current bid lists. Explanations of the reasons for not bidding will assist in maintaining the bidder on the correct bid list(s).

SUBMITTAL

Submit one (1) bid, multiple bids will not be accepted.

GENERAL CONDITIONS

This bid shall be firm for at least 120 days after the latest time specified for submission for bids and thereafter until written notice is received from the bidder.

AWARD OF ORDER

The County will award a purchase order to the lowest responsive, responsible bidder meeting the County's requirements as listed in this document. The County will be the sole judge of acceptability of any products offered.

WORKMANSHIP

Items shall be manufactured according to the highest traditions of the industry and shall meet all commercial standards of quality. The County shall be the sole judge of acceptable products. Unacceptable products will be rejected and suitable price adjustments made.

MISCELLANEOUS

It is the bidder's task to be familiar with the referenced items and to offer only products of equal or greater quality. Any questions on specifications should be directed to the Purchasing Department.

EXCEPTIONS

The bid speaks for itself. Bidders taking exception to any terms, conditions or specifications of this bid must clearly state in writing such exception(s) either on or with their bid. The County will be the sole judge of the acceptability of any exception noted, and is not bound to consider any bid submitted with exceptions.

ALTERNATES

Trade names are used solely for the purpose of setting minimum standards of quality and performance and are not to be construed as exclusionary. Bidders are encouraged to contact the Purchasing Department prior to the bid opening for the purpose of clarifying specifications.

FULL PRICING AND CONTINGENCIES

The County shall hold the successful bidder to bid pricing. Additional charges for contingencies discovered by the vendor at any time after the date of opening of this bid will not be considered for payment by the County.

RECOURSE FOR UNSATISFACTORY MATERIALS

Payment shall be contingent upon the County's inspection of and satisfaction with completed work. Any defective work or materials, non-conformance to bid specifications, damaged materials, or unsatisfactory installation shall be corrected to the County's satisfaction by the successful bidder at no additional charge.

TERMINATION

Failure to comply with the terms and conditions as herein stated shall be cause for cancellation of the contract. The County will give written notice of unsatisfactory performance and the contractor will be allowed thirty (30) days to take corrective action and accomplish satisfactory control. If at the end of the thirty days,

the County deems the contractor's performance still unsatisfactory, the contract shall be canceled. The exercise of its right of cancellations shall not limit the County's right to seek any other remedies allowed by law.

The successful bidder will agree that the resulting contract is made subject to available budgetary appropriations and shall not create any obligation on behalf of the County in excess of such appropriations. In the event that no funds or insufficient funds are appropriated and budgeted, this Contract shall terminate without penalty or expense to the County thirty (30) days after written notification of termination from the County.

The successful bidder will agree that pursuant to requirements imposed under Illinois law, the County shall have 120 days after each election of county board members to terminate this Agreement, without cause and without penalty.

CHOICE OF LAW AND VENUE

The bidder agrees that this bid has been executed and delivered in Illinois and that their relationship and any and all disputes, controversies or claims arising under this bid or any resulting contract shall be governed by the laws of the State of Illinois, without regard to conflicts of laws principles. The bidder further agrees that the exclusive venue for all such disputes shall be the Circuit Court of the 22nd Judicial Circuit of McHenry County, Illinois, and the bidder hereby consent to the personal jurisdiction thereof.

COMPLIANCE WITH LAWS

The bidder hereto covenants and agrees to comply with all applicable federal, state, and local laws, codes, ordinances, rules and regulations. Failure to comply with the terms of this provision shall constitute a breach of contract and permit the County to terminate this (Request for Sealed Proposal/Bid) in accordance with the termination provisions stated herein.

REJECTION OF BIDS, WAIVER OF IRREGULARITIES

McHenry County reserves the right to reject any or all bids, to waive irregularities, and to accept that bid which is considered to be in the best interest of the County. Any such decision shall be considered final.

PROTEST PROCEDURES

Any Bidder who believes contractual terms or specifications are unnecessarily restrictive or limit competition may submit a protest, in writing, to the Director of Purchasing. To be considered, the protest must be received by McHenry County five (5) days prior to the stated bid opening. Any adversely affected or aggrieved Bidder shall have ten (10) days from the date of the bid opening to file a written protest regarding the intent to award the bid. Protests submitted after that date will not be accepted. Protests must specify the grounds upon which the protest is based (refer to appropriate statute, rule, code, or ordinance which defines the protest process).

BIDDER'S ATTACHMENT TO THE BID

Any attachment to this bid, as required by the bid conditions, or made at the bidder's option, must reference on their face the bid title, opening date, and time.

DELIVERY

Delivery will be considered in making the award and the bidders shall state, in the spaces provided, expected delivery after receipt of Purchase Order. Failure to meet said delivery promises without prior consent of the Director of Purchasing will be considered a breach of faith.

FREIGHT

Freight is all inclusive unless otherwise stated.

FUEL SURCHARGE

The County of McHenry does NOT accept any fuel surcharges.

SPECIFICATIONS

The McHenry County Emergency Telephone System Board (“ETSB”) is seeking bids for the purchase and installation of hardware, software and implementation services for a turnkey fire station alerting system (the “System”).

There are currently sixteen (16) fire and rescue districts with thirty-two (32) stations within McHenry County served by the ETSB.

The desired System shall interface with the ETSB’s existing Computer Aided Dispatch (CAD) and radio systems (including VHF & Starcom), and will communicate using TCP/IP over the ETSB’s WAN.

The desired System shall allow the stacking and simultaneous alerting of response units, which will reduce the amount of deployment time of the first responders.

The desired System shall provide the ability for any of the three (3) Public Safety Answering Points (PSAPs) within McHenry County to dispatch any fire unit within the System.

This project shall be completed in a manner commensurate with the intended application.

APPLICABLE STANDARDS AND PUBLICATIONS

The selected vendor shall provide all equipment, materials, station installation and supervision to provide a turnkey fire station alerting system.

All applicable national, state and local electrical and/or building codes shall be followed.

The System shall be compliant with the 2013 edition of the National Fire Protection Association (NFPA) Standard 1221 and 1710/1720, as applicable.

REQUIREMENTS

General

The System shall be designed specifically for use as a station alerting system.

The System shall use a single point of power/Power over Ethernet (POE) infrastructure that optimizes the most common and inexpensive CAT5e/CAT6 cabling, allowing repurposing of the ETSB’s existing cable structure where available, and minimizing labor costs by using low-voltage contacts for installation.

The selected vendor shall ensure that all components of the System are supported by an uninterruptible power supply.

The System shall be designed to be network friendly by distributing quick alerting messages using low-bandwidth (typically 30-50 kb).

The System shall be able to handle a minimum of 50 individual fire stations and facilities, and is modular in design to allow for future expansion and upgrades.

The System shall have “heart-friendly” features such as escalating audio and subdued lighting at night. Contractor shall highlight the “heart-friendly” features of the System.

CAD Interface and Manual Alerting

The selected vendor shall be responsible for fully implementing a CAD Interface to the TriTech Inform CAD system. The System must be compatible with TriTech Inform CAD’s Station Alerting Interface.

The System shall be controlled directly from the ETSB’s CAD system. The CAD system presently exists at two locations (primary & backup).

The System interface to the CAD system shall support dispatch alerts and non-emergency alerts.

The System shall capable of alerting by Group, Station or Unit.

The System shall provide a means of notifying dispatchers that all components are operating properly; self-diagnosis, system health check (per NFPA 1221).

For each dispatch alert message received from CAD, the System shall send a response over the CAD TCP/IP connection indicating the success or failure of each dispatched station, unit or group for the given alert.

This System shall be capable of providing manual non-emergency messages to units, stations or groups of stations.

Alerts at stations shall start not more than one second after the alerting system receives a dispatch alert from the CAD system.

A visual indication shall be provided to dispatchers to indicate if the System is, and its components, are properly operating.

A manual alerting application shall be provided for dispatcher use to alert stations, units or groups in the event the CAD system is not available.

Alerting Circuits

The primary dispatch circuits shall be monitored and a prompt warning shall be provided in the event that a situation that will impact reliability occurs, as per NFPA 1221.

The primary alerting circuit shall be over the ETSB’s Wide Area Network.

The proposed System shall be capable of multiple secondary redundant alerting using Two-tone sequential or DTMF paging, contact closure input, audible sound detection, telephone line ring detection, VoIP/SIP.

Dispatch Alerting - General

The System shall provide, at each station, capability to control functions for each of the following: audible tones, lighting, relay activation, and printer interface.

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The System shall provide a zoning capability such that portions of a station can be alerted without alerting the entire station. The System shall provide a minimum of 4 separate alerting zones per station. Describe how zoning is managed in the System both centrally and at the station. Indicate if the System will allow certain rooms or areas to be able to be alerted individually and if there is an option to select the notifications that will be received for that area.

The System shall have the ability to provide a means to silence all station speakers manually, with the System allowing the silenced speakers to be overridden by the receipt of a call for service.

**** FOR EACH OF THE FOLLOWING POINTS, BIDDER MUST ENTER A CHECKMARK:**

WILL FULLY COMPLY OR WILL NOT FULLY COMPLY TO INDICATE WHETHER OR NOT PRODUCT OFFERED MEETS THE REQUIREMENT

***** THESE PAGES MUST BE FILLED OUT AND INCLUDED WITH BID SUBMISSION *****

Dispatch Alerting – Audible

The fire station alerting system shall provide an audible escalating alert tone that clearly identifies to the units and the type of call that is being dispatched. The alert tone shall immediately precede the dispatch announcement (per NFPA 1221). The System must support the use of at least four customized tones so that different tones can be used to indicate the type of call during the alert notification.

Will Fully Comply_____ Will Not Fully Comply_____

The fire station alerting system shall provide an audible alert over the speaker system of the station.

Will Fully Comply_____ Will Not Fully Comply_____

The fire station alerting system shall have its own internal audio amplifiers with full remote volume control capability.

Will Fully Comply_____ Will Not Fully Comply_____

The fire station alerting system shall be compatible with commercially available P.A. amplifiers supporting consumer audio line level (-10dbm) 600 ohm differential inputs.

Will Fully Comply_____ Will Not Fully Comply_____

The fire station alerting system shall provide the ability to play building overhead paging through a connection to the station telephone system.

Will Fully Comply_____ Will Not Fully Comply_____

The fire station alerting system shall have the capability to register VOIP extensions with SIP-based PBX systems, and then configured to alert on ring and/or auto answer to play call audio over the station's speaker network.

Will Fully Comply_____ Will Not Fully Comply_____

THIS PAGE IS MANDATORY

The fire alerting system shall provide the ability to mute in building paging during dispatch alerts.

Will Fully Comply_____ Will Not Fully Comply_____

This fire station alerting system shall include a radio interface for redundant dispatching and on-air dispatching. Each dispatched run shall be broadcast over both the alerting network and over the dispatch radio channel.

Will Fully Comply_____ Will Not Fully Comply_____

The radio interface shall be equipped to detect channel traffic and wait until the channel is free to begin automated dispatching.

Will Fully Comply_____ Will Not Fully Comply_____

The fire station alerting system shall have the ability to produce automated voice alerts simulcast onto local police frequencies.

Will Fully Comply_____ Will Not Fully Comply_____

The fire station alerting system shall have the ability to produce "Two-tone" alerts simulcast onto VHF & Starcom frequencies.

Will Fully Comply_____ Will Not Fully Comply_____

Each of the 3 Public Safety Answering Points (PSAPs) shall have the ability to alert any station in the within the ETSB's network.

Will Fully Comply_____ Will Not Fully Comply_____

Dispatch Alerting - Automated Voice

The fire station alerting system shall have the capability, for any incident, to create voice dispatch alerts that announce simultaneously in multiple stations.

Will Fully Comply_____ Will Not Fully Comply_____

Dispatch information shall allow live dispatcher voice in addition to the automated voice announcement.

Will Fully Comply_____ Will Not Fully Comply_____

Automated voice announcements supported shall include: dispatch announcements, announcements of move-ups, and non-emergency messages.

Will Fully Comply_____ Will Not Fully Comply_____

The automated voice dispatch announcement will include, as a minimum, detailed dispatch information, including apparatus to respond, incident type, street address, and common place name. The announcement shall be fully configurable.

Will Fully Comply_____ Will Not Fully Comply_____

Automated voice dispatch announcements shall immediately follow the audible alert tone as per NFPA 1221.

Will Fully Comply_____ Will Not Fully Comply_____

THIS PAGE IS MANDATORY

The fire station alerting system shall provide local system administrators a “DIY” ability to edit the pronunciation of street names, unit types, and other names and words without manufacturer involvement.

Will Fully Comply_____ Will Not Fully Comply_____

The fire station alerting system shall have the ability to produce automated voice alerts on servers located at the PSAP, and at fire stations through the station controllers in case of a slow network.

Will Fully Comply_____ Will Not Fully Comply_____

Dispatch Alerting - Relay Controls and Inputs

The fire station alerting system shall provide multiple relay contacts at each station for the purpose of controlling external switched functions. At a minimum, the contacts shall be able to be energized for a configurable period of time upon receipt of a CAD dispatch message. The outputs shall be configurable as normally open or normally closed contact closures. Additionally, the system shall easily expand the number of relay contacts. The vendor should explain how their system works with contacts, including quantity and expandability.

Will Fully Comply_____ Will Not Fully Comply_____

The fire station alerting system shall provide multiple isolated DC inputs for the purpose of monitoring status of external actions and functions.

Will Fully Comply_____ Will Not Fully Comply_____

Dispatch Alerting - Printing

The fire station alerting system shall be capable of providing a dispatch printout with the same information that is announced upon receipt of a CAD dispatch announcement. The printout must also include user comments if this information is provided to the system over the CAD interface.

Will Fully Comply_____ Will Not Fully Comply_____

The fire station alerting system shall support simultaneous printing and audible alerting.

Will Fully Comply_____ Will Not Fully Comply_____

Dispatch Alerting - Visuals

The fire station alerting system should include provisions to display the dispatch information at the station. Devices to be used for display should include LED message signs, color indicator with at least eight color options that can be assigned to units to indicate units assigned to a dispatch, strobe lights for high volume areas, and CEC (consumer electronic control) and HDMI connections to allow displays on TVs, monitors, projectors and video walls.

Will Fully Comply_____ Will Not Fully Comply_____

THIS PAGE IS MANDATORY

The fire station alerting system should have the ability to display alerting information such as assigned units, incident nature, street address, and unit status. Vendors should describe display capabilities and discuss what information is typically displayed, as well as what information might possibly be displayed. Discuss any limits on numbers, types or sizes of displays.

Will Fully Comply_____ Will Not Fully Comply_____

The fire station alerting system should have the ability to include multiple turnout timer capability, which will count up in one-second increments upon the receipt of a call. Vendor may propose to have this as a separate timer, or as an integral part of the display. Please indicate in the proposal the number of turnout timers that are supported.

Will Fully Comply_____ Will Not Fully Comply_____

The fire station alerting system shall have the ability to include lighting that is designed to have little impact on the building occupant's night vision when a call is received. This will include red LED lights in the ceiling in the bunkroom area that are bright enough to light the area around the member's bed and provide a safe amount of light to make their way to the apparatus bay.

Will Fully Comply_____ Will Not Fully Comply_____

Dispatch Alerting – Remote/Redundant

The fire station alerting system shall have the capability to alert authorized personnel using a mobile application that interfaces with ETSB's CAD system, enabling simultaneous alerts to smartphones or tablets. Alerts should include dispatch announcements using the same tones played in stations, administrative alerts, IT support notifications and application update notifications. The mobile application should also have the ability to show incident locations using the smartphone's built-in mapping capabilities, and enable users to save and search prior notifications.

Will Fully Comply_____ Will Not Fully Comply_____

The fire station alerting system shall have the capability to remotely alert personnel by generating an alert that can send an email to server via SMTP or ESMTP. This email can be directed to a paging or cell phone system to deliver pages or SMS messages. Messages can be sent when specific Groups, Stations or Units are alerted, or when configured key words are found in the dispatch message. Event messages are delivered when the event occurs and when the event clears.

Will Fully Comply_____ Will Not Fully Comply_____

Configuration and Software Updates

The fire station alerting system shall be centrally managed. Both the Vendor and the ETSB system specialists shall have full control access. Updates to station software shall be sent from the communications center.

Will Fully Comply_____ Will Not Fully Comply_____

Authorized administrators shall be able to control, configure and update the fire station alerting system on a browser from any web-enable device. In addition, manual alerting shall be available from a browser from any web-enabled device.

Will Fully Comply_____ Will Not Fully Comply_____

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System Monitoring

Each component in this fire station alerting system shall be monitored for online and offline status. This includes all computers, network connections, audio amplifiers and message display units.

Will Fully Comply_____ Will Not Fully Comply_____

This fire station alerting system shall be capable of remotely alerting support staff of critical events that occur within the alerting system via visual, email/pager, SMS text or a smartphone app. Each method shall be individually enabled or disabled via a configuration application.

Will Fully Comply_____ Will Not Fully Comply_____

Error and status logs shall be generated for all traffic between the CAD system and any controllers, between any controllers and the fire stations, and between all network components in the fire stations.

Will Fully Comply_____ Will Not Fully Comply_____

Error and status logs shall be available to the customer's system specialists via a log viewer application.

Will Fully Comply_____ Will Not Fully Comply_____

Remote system monitoring from a client application residing on the network (and having appropriate permissions) shall be supported.

Will Fully Comply_____ Will Not Fully Comply_____

System status information shall be displayed in the fire communication center on a dedicated workstation.

Will Fully Comply_____ Will Not Fully Comply_____

Installation

The ETSB shall be permitted to participate and assist in the installation of this System. ETSB technical personnel and/or the agency representative will be present for each installation, System activation and cutover.

Will Fully Comply_____ Will Not Fully Comply_____

Warranties and Support Agreements

Describe standard warranty provided and the terms.

Provide extended warranty five (5) year options and cost breakdown per year.

If not provided for in your standard warranty please provide:

1. Pricing for eight hours a day, five days a week software support capabilities, including, but not limited, to remote and on site response time for software and hardware issues.
2. Pricing for annual 24 x 7 software support capabilities, including, but not limited, to remote and on site response time for software and hardware issues.
3. Provide pricing for 4 hour on site response software and hardware issues.

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Training

System training shall be provided to the telecommunicators and PSAP supervisors. The training shall be conducted on site as coordinated with the ETSB staff. Vendor should describe their approach to provide the most effective training method/process that would allow dispatchers and supervisors to successfully operate the system.

Will Fully Comply_____ Will Not Fully Comply_____

System maintenance, programming and trouble shooting training shall be provided for the ETSB's technical staff.

Will Fully Comply_____ Will Not Fully Comply_____

The vendor shall provide a site visit by one of their engineers or system implementers prior to placing any equipment orders to ensure an understanding of what the customer is seeking to accomplish.

Will Fully Comply_____ Will Not Fully Comply_____

Miscellaneous

The server provided, as part of this fire station alerting system, shall be rack mountable, and be provisioned with auto fail-over, in the event that the primary server fails. A backup server is to be included in the proposal.

Will Fully Comply_____ Will Not Fully Comply_____

The servers provided as part of this fire station alerting system shall be provisioned so that it can function as a primary or backup on a monthly rotational basis. One server will be located at 500 Russel Ct., Woodstock, IL and the other at 100 W. Woodstock St., Crystal Lake, IL.

Will Fully Comply_____ Will Not Fully Comply_____

Experience

Provide the number of years that the Vendor has been in existence; describe the services the Vendor specialize in, and the primary markets served.

Describe the functions to be performed by each key personnel, and identify the Vendor's Project Manager.

Provide résumés describing the relevant experience on previous similar projects, qualifications, and other vital information of all key personnel and subcontractors who will be assigned to this project.

Provide detailed descriptions of three (3) contracts which the Vendor has either ongoing or completed within the past twelve (12) months that best demonstrate the Vendor's experience with services similar in scope to those requested herein. Where possible, list and describe those projects performed for government clients or similar size private entities utilizing TriTech Inform CAD. (excluding any work performed for the Customer).

The description should, at a minimum, identify for each contract:

- a. client,
- b. contract number and/or title,
- c. total dollar value of the contract,
- d. dates covering the term of the contract,
- e. client contact person, title, email, and phone number,
- f. statement of whether Proposer was the prime contractor or subcontractor,
- g. description of technology/System Implementation,
- h. description of work, and
- i. results of the project.

Pricing

Option #1

Provide pricing for the primary dispatch equipment, backup dispatch equipment, and any required voice files licenses. Separate software and equipment costs, installation, training, and maintenance. Pricing under this option will provide all hardware and software needed to operate an automated alerting system without individual station equipment (via two-tone paging).

Option #2

Provide pricing per station. Pricing to include the basic minimum components needed for each station connecting to existing audio systems. Separate software and equipment costs, installation, training, and maintenance. Individual fire departments served by McHenry County ETSB shall be allowed to enter into their own contract for individual station equipment under this option.

BIDS MUST BE SUBMITTED IN MULTIPLE FORMS:

One Original, FIVE (5) paper Copies and ONE (1) DIGITAL COPY.

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BID ON

Option #1

Provide pricing for the primary dispatch equipment, backup dispatch equipment, and any required voice files licenses.

Separate: software, equipment costs, installation, training, and maintenance. Pricing under this option will provide all hardware and software needed to operate an automated alerting system without individual station equipment (via two-tone paging).

LUMP SUM COST (equipment, backup dispatch equipment, required voice files licenses):

\$ _____

Software cost: \$ _____

Installation cost: \$ _____

Training cost: \$ _____

Maintenance cost: \$ _____

Option #2

Provide pricing per station.

Pricing to include the basic minimum components needed for each station connecting to existing audio systems.

Separate software, equipment costs, installation, training, and maintenance. Individual fire departments served by McHenry County ETSB shall be allowed to enter into their own contract for individual station equipment under this option.

PER STATION COST: \$ _____

Software cost per station: \$ _____

Installation cost per station: \$ _____

Training cost per station: \$ _____

Maintenance cost per station: \$ _____

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BID ON**

PROVIDED FOR ALREADY IN STANDARD WARRANTY: YES NO

If not provided for in your standard warranty please provide:

1. Pricing for eight hours a day, five days a week software support capabilities, including, but not limited, to remote and on site response time for software and hardware issues.

\$ _____

2. Pricing for annual 24 x 7 software support capabilities, including, but not limited, to remote and on site response time for software and hardware issues.

\$ _____

3. Provide pricing for 4 hour on site response software and hardware issues.

\$ _____

List any Exceptions to this bid: _____

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REFERENCES

List three (3) references that you have done similar work, service or supplied similar products to within the last twelve (12) months (Only correct contact names and phone numbers will be acceptable).

Entity:

Address:

City, State, Zip Code:

Telephone Number:

Contact Person:

Contact Email:

Entity:

Address:

City, State, Zip Code:

Telephone Number:

Contact Person:

Contact Email:

Entity:

Address:

City, State, Zip Code:

Telephone Number:

Contact Person:

Contact Email:

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**RUBBER STAMPED, FAXED, COPIED, OR TYPED SIGNATURE WILL
DISQUALIFY YOUR BID MUST BE AN ORIGINAL SIGNATURE**

CERTIFICATIONS

Vendor certifies that it has not been barred from contracting with a unit of State or local government as a result of a violation of Section 33E-3 or 33E-4 of the Criminal Code of 1961, as amended.

_____ Yes _____ No

Vendor certifies that it is aware that all contracts for the Construction of Public Works are subject to the Illinois Prevailing Wage Act (820 ILCS 130/1-12) _____ Yes _____ No

Under penalties of perjury, I certify that _____ is my correct Federal Taxpayer Identification Number. I am doing business as a (please check one):

- | | |
|-----------------------------------------------------------------------------------|--------------------------------------------------|
| <input type="checkbox"/> Individual | <input type="checkbox"/> Real Estate Agent |
| <input type="checkbox"/> Sole Proprietorship | <input type="checkbox"/> Government Entity |
| <input type="checkbox"/> *Partnership | <input type="checkbox"/> Tax Exempt Organization |
| <input type="checkbox"/> **Corporation | (IRC 501(a) only) |
| <input type="checkbox"/> Not-for-Profit Corporation | <input type="checkbox"/> Trust or Estate |
| <input type="checkbox"/> Medical and Health Care
Services Provider Corporation | |

*State full names, titles and addresses of all responsible principles and/or partners below;

Name: _____ Title: _____

Address: _____

Name: _____ Title: _____

Address: _____

Name: _____ Title: _____

Address: _____

Name: _____ Title: _____

Address: _____

Name: _____ Title: _____

Address: _____

If needed please submit any additional sheets.

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SIGNATURE PAGE

**RUBBER STAMPED, FAXED, COPIED, OR TYPED SIGNATURE WILL DISQUALIFY YOUR
BID**

MUST BE AN ORIGINAL SIGNATURE

PROPOSER'S CERTIFICATION

I have carefully examined the Bid, Scope of Work, Specifications, and any other documents accompanying or made a part of this Bid.

I hereby propose to furnish the goods or services specified in the Bid. I agree that my proposal will remain firm for a period of up to 120 days in order to allow the County adequate time to evaluate the qualifications submitted.

I verify that all information contained in this proposal is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this Bid on behalf of the firm as its act and deed, and that the firm is ready, willing, and able to perform if awarded the contract.

I further certify, under oath, that this proposal is made without prior understanding, agreement, connection, discussion, or collusion with any other person, firm or corporation submitting a proposal for the same product or service. No officer, employee or agent of the County of McHenry or any other proposer is interested in said proposal and that the undersigned executed this Proposer's Certification with full knowledge and understanding of the matters therein contained and was duly authorized to do so.

**State of Incorporation _____

(Individual - Partnership - Company - Corporation)

(Business Address)

(City, State and Zip Code)

(By Printed Name and Signature)

(Title)

(Witness Signature)

(Title)

(Telephone No)

(Fax No.)

(Date)

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