



1621 W. Main Street  
Louisville, KY 40203

(502) 561-8007

[www.erswireless.com](http://www.erswireless.com)



# North Hardin VHF Simulcast Radio Site Addition

Prepared for:  
**Hardin County Schools**



**HARDIN COUNTY SCHOOLS**  
HELPING CHILDREN SUCCEED

**Grant Doyle**  
Account Manager | ERS Wireless  
[Grant.Doyle@ERSWireless.com](mailto:Grant.Doyle@ERSWireless.com)  
502.609.1662





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April 10<sup>th</sup>, 2025

Kim Adkins  
Hardin County Schools  
65 W.A. Jenkins  
Elizabethtown, KY 42701

Mrs. Adkins,

ERS Wireless (ERS) is pleased to present the following proposal for a VHF Simulcast Radio Site Addition for North Hardin High School. Based on our site survey in the fall of 2023, ERS was able to confirm a significant lack of public safety radio coverage in-building at North Hardin. We are proposing this solution for North Hardin to provide the necessary in-building coverage to ensure first responders the ability to communicate when on campus. Our solution allows for seamless communication via the Mutual Aid talkgroup in Hardin County.

As a Motorola Solutions Ecosystem partner providing integrated voice, data, video, weapons detection, and incident management solutions, ERS Wireless looks forward to continuing to grow our relationship with Hardin County Schools. Thank you in advance for your partnership and consideration. If you have questions or need any further clarification, please contact me anytime.

Respectfully,

**Grant Doyle**  
Account Manager | ERS Wireless  
[Grant.Doyle@ERSWireless.com](mailto:Grant.Doyle@ERSWireless.com)  
502.609.1662





## Why ERS Wireless?

ERS Wireless has been designated as an Elite+ Avigilon partner with Motorola Solutions. We are the only privately owned security integrator with this designation in the State of Kentucky. ERS Wireless is also a Motorola Ecosystem Solutions Badged Partner, which means we are fully trained and certified to design & support not only the Avigilon Video Security & Access Control solutions in this proposal, but also potential future systems integrations.

- *With our unique partnership with Motorola Solutions, ERS Wireless can design, implement, and support this ecosystem that unifies voice, data, video/access control security and analytics that focus on not only meeting immediate needs, but also ensuring that every investment builds on the next.*
- *We partner closely with our customers to ensure the highest quality installations. We accomplish this by understanding and meeting with our customers and establishing a comprehensive use case taking into consideration all onsite safety and security requirements.*
- *We customize our training based on the individual needs of each user, and ensure all users are comfortable learning and using the solution based on their individual needs.*



**POWERFUL ALONE. GAME CHANGING TOGETHER.**





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## Scope of Work

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- All repeater, antenna, filtering, networking, and power backup infrastructure
- Indoor cabinet to house repeater, duplexer, network switch, network router, and uninterrupted power supply
- All mounting hardware for antenna and transmission line from repeater to antenna location
- All software licensing for repeaters
- All installation and technical labor
- Five years of 24/7 ERS Wireless On-Site Service
  - On-site service during warranty period (five years)
  - Travel charge to customer site
  - 24/7/365 service
  - Handling of warranty repairs with vendor
  - Return shipping after repair
  - Excluding Motorola software
- Shipping

### Statement of Work

#### 1.0 Purpose

ERS Wireless has assembled this document, called a Statement of Work, which is a summary of the tasks to be performed by ERS Wireless, as well as a narrative explanation of the deliverables that will need to be provided by the purchaser, Hardin Co Schools. It is the intent of ERS Wireless that this document represents the most current understanding of the contract deliverables. Changes to this document will be made by formal request by either party and approved by the other.

ERS Wireless will include technical product sheets, special and other printed matter which clearly delineate the technical parameters describing the form, fit, function, facility impact, power requirements, and interface requirements of all the equipment and software supplied by ERS Wireless.

#### 1.1 Proposal Validity

This proposal is valid until [03/19/2025]. After which, a pricing refresh will be required prior to placing an order.

#### 1.2 Quality of Work

All work shall be performed in a manner consistent with high quality commercial practice and in accordance with all applicable manufacturers' installation and maintenance manuals. All equipment and material being furnished for this project shall be new and will meet the high-quality requirements set forth by ERS Wireless.

#### 1.3 Safety

ERS Wireless will comply with all applicable local and national safety requirements in the installation of all ERS Wireless supplied equipment. ERS Wireless requests that Hardin Co Schools assign a Project Manager/Adviser to advise ERS Wireless personnel of any unique safety precautions that should be observed while working at Hardin Co Schools location, if applicable.



#### 1.4 Zoning, Permits, Licenses, FAA, FCC Requirements

Hardin Co Schools is solely responsible for any licenses, fees, or other authorizations required by the Federal Communications Commission (FCC) and the Federal Aviation Administration (FAA) and for complying with FCC and FAA rules. Neither ERS Wireless nor any of its employees is an agent or representative of the Hardin Co Schools in FCC matters or otherwise. ERS Wireless will assist Hardin Co Schools in the preparation of the license applications if requested. Hardin Co Schools will be responsible for all zoning requirements and/or State and Local permits required for the project.

#### 1.5 Project Change Orders

Changes to the Statement of Work may be formally requested by either the Hardin Co Schools Project Manager or ERS Wireless by identifying the actual change requested the reason for the request, and the associated date of the request. Both parties will review the change order and any revisions to the change request will be negotiated. Any monetary or scheduling changes will also be recorded in the change order. The official change order will provide new Statement of Work insert pages that include the revisions. The following information will be recorded in each change order:

- Change Request Number
- Reason for Change
- Date
- Monetary Impact
- Impact on Schedule
- Impact on Contract

#### 2.0 Hardin Co Schools Responsibilities

##### 2.1 Hardin Co Schools

Hardin Co Schools will supply the building, utilities and all support systems.

2.1.1 The existing Building steel system will be used for grounding.

2.1.2 Building Penetration.

2.1.3 Develop a Master Programming template.

##### 2.2 Electrical

A.C. Power as required.

##### 2.3 Network Connectivity

Any internet connection needed for each site is the responsibility of the customer.



## 2.4 Site Access

Hardin Co Schools will be responsible for providing ERS Wireless and its subcontractor's access to work sites from 8:00 a.m. to 5:00 p.m., Monday through Friday, excluding holidays, and as necessary for 8-5-warranty service.

Hardin Co Schools will assist with making available parking space for the service vans and delivery trucks that is convenient for easy access for tools, materials and test equipment. All-non service vehicles will use the normal public parking facilities.

## 3.0 System Staging

ERS Wireless is responsible for the staging of the equipment prior to delivery to Hardin Co Schools. This staging will be at the ERS Wireless Service center. Staging of the equipment allows ERS Wireless to pre-assemble the system to verify connectivity, functionality and performance capabilities.

### 3.1 Cables and Labels

All cables will be labeled.

### 3.2 Set System Levels on All Equipment

All "system" levels will be set per specification by the installation technician to verify proper end-to-end connectivity.

### 3.3 System Range

No radio coverage guarantee is included in this proposal.

### 3.4 System Down Time

Hardin Co Schools understands that there "WILL BE" a period of system down time as ERS Wireless must change out the antenna system to install the new Motorola System.

## 4.0 Equipment Installations

### 4.1 Delivery

ERS Wireless will deliver, off-load, and unpack all provided communications equipment.

### 4.2 Placement

ERS Wireless will place and physically install all provided communications equipment per the agreed to floor plans.

### 4.3 Cabling

All cabling will be properly connectorized and terminated.

### 4.4 Grounding

All ERS Wireless provided equipment will be properly grounded to the building ground system. All ground connections will be made using an appropriate mechanical fastener.





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## 5.0 ERS Value Added Services

### 5.1 Essential On-site Services Include

- 5.1.1 Service response & coverage 8am-5pm, Monday through Friday, excluding holidays.
- 5.1.2 Service labor to support equipment during the manufacturer warranty period.
- 5.1.3 Labor for pulling & re-installation of fixed equipment as necessary for repair.
- 5.1.4 Post-repair equipment testing and, if needed, required Motorola software/firmware updates.
- 5.1.5 Administration of all warranty claims with manufacturer.
- 5.1.6 All zone fees/trip charges.
- 5.1.7 Return shipping charges.

## 6.0 ERS Wireless Scope of Work

### 6.1 ERS Wireless

- 6.1.1 ERS Wireless will assemble, test, and deliver one site of one repeater at North Hardin to allow coverage augmentation for the Hardin County Simulcast system. This system is designed to provide one channel of coverage augmentation to each school for public safety officers.
- 6.1.2 ERS will install one GTR 8000 repeater in VHF with timing components for use as a simulcast add on site.
- 6.1.3 ERS will install one non pen roof mount with antenna and interface the antenna to the one repeater at each school.
- 6.1.4 ERS will coordinate with Hardin County to facilitate the integration to the Hardin County Simulcast system





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## ***Commitment to Excellence***

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ERS is committed to ensuring that our customers are well-equipped to utilize this cutting-edge Avigilon system effectively and efficiently. To facilitate this, we will deliver a comprehensive training session that covers all aspects of the system's operation. The training will be conducted towards the end of the installation by our expert technicians who possess in-depth knowledge of the Avigilon system's features and capabilities. During the training session, the customer will learn how to navigate the system's user interface, configure settings, review, and analyze data logs, and troubleshoot common issues. Hands-on exercises and real-world scenarios will be integrated into the training to provide practical experience. Additionally, our training session emphasizes the importance of privacy and ethical considerations when using the Avigilon system. Our goal is to empower our customers with the skills and knowledge they need to harness the full potential of this advanced technology while maintaining the highest standards of security and compliance.





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## ***Proposal Acceptance***

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**Total Solution Cost: \$142,754.99**

### **Pricing Notes:**

- The price above includes ERS labor for installation, configuration, technical services/programming, acceptance testing and training, project management, design, and engineering services
- The price above does not include any taxes, if applicable
- The price above includes five years of ERS Essential Services.
- Any/All included attachments form a part of this contract

### **Contract Payment Terms:**

- 50% upon execution of the contract
- 50% upon completion of installation and system functionality testing

Signature below constitutes acceptance of the quotation and hereby authorizes ERS Wireless to proceed with ordering all components.

**Proposed By:**  
ERS Wireless

Printed Name: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

**Approved By:**  
Hardin County Schools

Printed Name: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

***Proposed Contract Price effective through the end of April 2025***





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## Terms and Conditions

**Terms.** Terms of payment are subject to the approval of Emergency Radio Service, LLC dba ERS Wireless hereinafter called ERS Wireless, credit department. Payment options: Cash with Order, Cash on Delivery or Net 30. Forms of payment include: Cash, Check, MasterCard, Visa or American Express.

**Damage or Claim Loss.** ERS Wireless responsibility for damage or loss in transit of goods purchased ceases upon delivery of the goods in good condition to the carrier and the buyer assumes all risk of damage and loss in transit. Claims for errors, deficiencies or imperfections shall not be considered unless made within ten (10) days after receipt of the goods against which claim is made. All claims must be made in writing and must expressly refer to the appropriate bill of lading and factory order numbers.

Any goods claimed defective shall be subject to inspection by ERS Wireless. Goods will not be taken back and repaired or replaced except by permission of ERS Wireless.

**Cancellations.** Orders placed with ERS Wireless may not be cancelled without the express written consent of ERS Wireless. Approved cancellations will be subject to; reimbursement of all ERS Wireless costs and associated with the order, including shipping and restocking charges.

**Product Changes.** In the interest of continuous product improvement ERS Wireless or any Manufacturers represented by ERS Wireless may fill orders with goods having improvements or changes that are not shown in ERS Wireless' price catalogs or printed matter.

**Warranty.** New equipment sold by ERS Wireless carries the Warranty of the manufacturer unless otherwise stated in the contract. These products must be properly installed, cared for, and operated under normal conditions, with competent supervision, and in accordance with the manufacturer's installation, operating and maintenance instructions.

ERS Wireless will not be responsible for performance deficiencies of the System caused by ancillary equipment, not furnished by ERS Wireless, attached to or used with the System provided hereunder. Additionally, ERS Wireless will not be responsible for System performance where the functionality is reduced for reasons beyond ERS Wireless' control including but not limited to i) the construction of a building that adversely affects the microwave path reliability or RF coverage; ii) the addition of additional frequencies at System sites that cause RF interference or intermodulation; iii) Customer changes to load usage and/or configuration outside the parameters originally specified; iv) any other act of parties who are beyond ERS Wireless' control, including Customer or its employees, contractors, consultants, or agents.

Replacement parts purchased from ERS Wireless are warranted for a period of 90 days from date of invoice against defects in material and workmanship. Parts furnished by ERS Wireless on a warranty basis are warranted only to the expiration date of the warranty of the product they are a part of.

This warranty supersedes and is in lieu of all other warranties express or implied, and no person, agent, or Representative is authorized to give any additional warranty on behalf of ERS Wireless or assume for ERS Wireless any other liability in connection with any supplied product.

No warranty is given in connection with used products and equipment, or products or equipment altered or rebuilt, without ERS Wireless' or the manufacturer's written approval, unless otherwise specified.

**General Indemnity.** ERS Wireless agrees to indemnify and hold Customer harmless from all liabilities which may accrue against Customer on account of direct physical damage to tangible property or personal injury to the extent the damage or injury is caused by ERS Wireless' negligence, the actions or negligent inactions of ERS Wireless, or that of its employees, subcontractors, or agents while on the Customer's premises during the delivery, installation, or testing of the Communications System pursuant to this Agreement.

ERS Wireless indemnification of Customer under this section will be the full extent of ERS Wireless' Indemnification of Customer from liabilities that are in any way related to ERS Wireless' performance under this Agreement.

**ERS Liability.** ERS Wireless will use its best efforts to fill all orders given and accepted but it shall not be responsible or liable for delays or defaults occasioned by strikes, fires, floods, differences with workmen, accidents, the exercise of governmental authority, inability to obtain, or shortage of, materials, fuel, labor or transportation, for any reason, and all causes unavoidable or beyond ERS Wireless' control. ERS Wireless will not be responsible for any consequential damages arising from the installation or lack of performance of the equipment supplied on the face of this order.

**Assignability.** This Agreement may not be assigned by either party without the prior consent of the other party except that ERS Wireless may assign the Agreement to any of its affiliates or its right to receive payment without the prior consent of Customer. No assignment will release the assigning party from its obligations hereunder.

**Title.** Title of goods shipped by ERS Wireless will remain its property until full payment is received. ERS Wireless reserves the right to repossess all goods and remove without legal process, and that any payments which may have been made on account of same shall be retained by ERS Wireless as liquidated damages without prejudice to its right of recovery of further damage it may suffer from any cause.

**Waiver.** ERS Wireless' failure to object to provisions contained in the customer's order or any other communications shall not be deemed a waiver of the terms or conditions hereof nor acceptance of such provisions. No representations or guarantees other than those contained herein shall be binding upon ERS Wireless unless in writing and signed by an authorized officer of ERS Wireless.

**Taxes.** Any taxes that may be imposed upon the sale of the goods covered by this agreement, whether by Federal, State or Local Government shall be paid by the buyer in addition to the specified purchase price.

**Proprietary Rights.** All plans, specifications, drawings, and engineering data devised or designed by ERS Wireless shall remain the exclusive property of ERS Wireless and shall not be reproduced or altered excepting upon the written consent of authorized representatives of ERS Wireless.

**Governing Law.** This agreement shall be construed in accordance with the laws of and shall be deemed to have been executed in Ligonier, Indiana, Noble County.

