

Purchasing Department  
1320 West Main Street, Suite 202  
Franklin, Tennessee 37064-3700  
Phone (615) 472-4010  
Fax (615) 472-5609



**RFB #1358**  
**WILLIAMSON COUNTY SCHOOLS**  
**Security Communications Infrastructure Improvements**

Williamson County Schools, (WCS) is currently accepting sealed bids from qualified radio dealers interested in bidding on radio infrastructure improvements at several WCS locations. Sealed Bid envelopes will be accepted at the Williamson County Board of Education, Central Offices, located at 1320 West Main Street, Suite 202, Franklin, Tennessee 37064, until **10:30 am on Tuesday, November 19, 2024**, at which time sealed bids will be officially opened. Bids should be sent by express mail or delivered in person and should be marked to the attention of Joan Breeding, WCS Purchasing Department. All bids will be stamped by the Purchasing Department with the date and time of receipt to ensure compliance. Any bid envelope received after the specified opening time will **not** be accepted. Faxed or emailed bids will **not** be accepted. All sealed bids must be marked **“RFB #1358 Security Communications Infrastructure Improvements”**.

**The following information must be listed on the outside of the sealed bid envelopes:**

- WCS-RFB #1358 Security Communications Infrastructure Improvements
- Contractors Name & Address
- Date and Time of Bid Opening

**Interested Radio Infrastructure Dealers must include in their sealed bid envelope the following list of completed documents:**

- Drug Free Affidavit
- Criminal Background Affidavit
- Signed Bid Form
- Iran Divestment Act Form
- Non-Boycott of Israel Certification

An apparent low bidder will be established from this bid process. Purchase Orders for this project will be awarded to the lowest, best, and most responsive bid that reasonably best meets specifications and qualifications. WCS Purchasing will prepare a bid tabulation shortly after the bid opening. Once the apparent low bidder has been established through the competitive bid process, WCS Purchasing will release an intent to award naming the low bidder sending a copy to all participants of the bid. Approximately ten (10) consecutive calendar days after the tabulations are released WCS will issue a fully funded award PO to the low bidder.

After the successful bidder has received the Award Notice / Purchase Order, said bidder **must provide** to WCS the following item within (15) consecutive calendar days from the date of WCS award notice:

- **INSURANCE:** WCS must be named as an additional insured on contractor’s policy.
  - A. The contractor will obtain and maintain insurance to protect the contractor and owner from claims which may arise out of or result from the contractor’s operations under the contract. Certificate of Liability with a minimum of \$2,000,000 listing WCS as additional insured must be provided.

This bid document was prepared by the WCS Purchasing Department. Please read the specifications carefully and if you have questions concerning this request for bid document, contact the WCS Purchasing Department by emailing Joan Breeding at [joanbl@wcs.edu](mailto:joanbl@wcs.edu).

- Williamson County Schools reserves the right to accept or reject bids, upon the evidence (Or determined by WCS Staff) before or after the bid opening, that a bidder is not necessarily qualified by experience, is not able to perform the work specified in the time allotted, or upon evidence of collusion with intent to defraud or other illegal practice.
- All bids are to be complete in every detail as required. Bids that are incomplete, contain irregularities or are not in accordance with the specifications may be rejected.
- WCS reserves the right to waive any formalities to accept any bids as a whole, split bid, and /or accept any individual item or items within a bid or to reject any or all bids in the best interest of WCS.
- The use of the name of a radio/repeater manufacturer or any special brand name, model or make in describing an item or the use of detailed descriptive specifications pertinent thereto, does not restrict bidders to that manufacturer or specific article or such detailed descriptive specifications. This bid is not limited to or restricted to any specific brand, service provider or vendor as previously stated this means or method is simply being used to indicate the character or quality of the article desired. All items bid however, must be of such character, quality and design as will serve the purpose for which it is intended to be used equally as well as that specified, and be equally suitable to the needs of the Williamson County Schools.
- When a unit is bid that differs on the make, model, or brand specified, the manufacturer's name and catalogue reference, together with specifications must be given along with any additional information pertaining to that item.
- This information must be clearly stated on the RFB coversheet in every instance to enable the Purchasing Dept. to determine its suitability, or otherwise. Williamson County Schools reserves the right, through the Purchasing Dept., to be the sole judge in such determinations.
- This bid is ultimately subject to funding (as with all WCS Bid projects). WCS is a tax-exempt organization ...Although WCS is tax exempt – the Bidder is responsible for (and bid cost must reflect) any / all sales and use tax.
- Bids are to be valid for a minimum of 60 days or until awarded, whichever comes first. Once WCS has issued the fully funded award Purchase Order, this project must be 100% complete as specified within 120 calendar days of the dated PO.
- For all awarded bids the price structure will be fixed and remain in effect throughout the entire contract period. The awarded bid will be in effect for a period of (1) year for possible future orders.
- The language of this RFB shall be binding unless mutually amended by WCS and the awarded bidder. Issuance of a WCS purchase order will be considered in the award notice. The terms and conditions of this RFB and detailed purchase order shall constitute the entire agreement.
- All invoices must have an approved WCS purchase order number.

- It is the awarded bidder's responsibility to comply with all local, state and federal laws, regulations, codes, licensing, and other requirements. The bidder must be prepared to substantiate compliance upon request by the Board's representative. In the event a bidder fails to perform, WCS reserves the right to begin negotiations with the "next best bidder" to complete the projects or services. In addition, the vendor may forfeit future business with WCS.
- The Project may be awarded to the lowest and best overall bid that best meets specifications and WCS reserves the right to award based on quality, price and availability of services specified, whichever is in the best interest of WCS. The bid will be awarded on a bottom-line turn-key project basis which is based on pricing/cost, service, and installation.
- If quantities are provided, they are approximations and may be estimates of annual usage, not initial purchase quantity. Quantities provided are the best estimates of anticipated order quantities; however, WCS cannot guarantee fulfillment of annual usage estimates.
- The terms, conditions, and language of this RFB shall supersede and take precedence over any resulting contract / agreement and shall be binding unless mutually amended by WCS and the awarded bidder. Disputes or legal matters will be litigated in Williamson County or the Middle District of Tennessee. WCS Purchasing Manager must approve any change to the original proposal specifications.
- The successful / awarded bidder shall perform the complete installation – including all necessary materials, supplies, equipment, labor, and licensing requirements per the bid specifications.
- The installation must be performed exclusively by persons that are authorized and certified by the manufacture of the units and related radio equipment.
- This specification is primarily to protect WCS in warranty matters.
- WCS Safety & Security Department will provide and make available several locations on a rotating basis – until all locations have had the installations performed.
- If a project is incomplete / unfinished after a PO is issued listing the locations to be installed and the required date of completion liquidated damages will be enforced. LDs of \$150 per consecutive calendar day shall commence beginning on the date listed on each PO. This liquidated damage shall be assessed daily – and deducted from the final invoice until the project is satisfactorily finished.
- **Important Note: Throughout** this document WCS refers to several school locations. It must be acknowledged and noted that our target goal is all school locations. However, the actual quantity of schools will be a direct function of available funds. We have a general budget for this project which we expect should fund most locations. WCS will only perform installation on – as many locations as funding allows.
- Regardless of the brand – the awarded radio repeaters must have the capability to be upgraded at a minimal cost effective (bid) rate in the future if necessary.

## **SCOPE OF PROJECT:**

WCS intends to purchase and have installed new radio repeaters in 50 locations around the district. The successful/awarded bidder shall perform 100% installation (includes all materials, supplies, equipment, labor, and FCC license registration fees) at a pre-approved site listed on the Purchase Order. In addition, the vendor shall be an authorized dealer for all products, have a strong presence/office located within 50 miles of WCS and shall be able to provide a two-hour (or less) response time for situations that may occur in the future related to this project. Williamson County School District is looking for a radio dealer to provide a turnkey solution for onsite communication systems at each school location. Currently, the radios used in the schools have coverage on the repeated channel. There is a need for a second repeated channel on the campus. For the safety of the students and faculty, some improvements are required. The following is a statement of work for this project.

Currently, Williamson County schools' internal communications operate on simplex and UHF channels. WCS District has several hundred UHF radios (estimated at over 1,400 units) in service throughout the school system. It is the intention of the school system to make the best use of the current assets and implement an enhanced coverage system per school to maximize the current inventory. WCS is requesting a proposal that will provide a repeater system in each school to enhance the coverage of the current radios as well as provide digital coverage for migration as current radios are replaced. Factor into your bid package, the programming of repeaters and current school radios.

It is the intention of the Williamson County School District to secure a vendor that will provide and install the systems in a fashion that will provide coverage for the entire school campus, while maintaining the infrastructure to enhance the communications in each school.

The selected vendor must provide a "package" system that will be similar from school to school and will operate on County provided channels. The vendor will be responsible to provide a "band plan" with the board of education's provided frequencies that will minimize co-channel interference between schools. The selected vendor will be responsible for any reprogramming of current subscriber units to allow them to access the new infrastructure. The schools will make all the subscriber units available at the time of installation for the reprogramming. The selected vendor must ensure that no interference will be created between the new installation to the existing repeater at each school.

**The following is a list of the minimum requirements for the proposed infrastructure:**

1. Repeater will be set up for analog operation.
2. The repeater will be provided with one digital mode, either DMR or NXDN digital operation. Must be flash capable to change digital operation to the other mode.
3. Repeater shall use the latest AMBE+2 Vocoder.
4. Repeater shall be capable of operation on 12.5 kc or 6.25 kc bandwidth.
5. Repeater must be capable of IP remote management and programming.
6. Repeater shall include a 110 VAC power supply with 2 hours of battery backup.
7. The bidder shall be able to provide a one-hour emergency response time.
8. An antenna system specifically designed to provide superior in building coverage as well as the surrounding campus area without producing long range coverage that would possibly cause interference with adjacent school campuses that may have to share the same channel pair.
9. The repeater must be compatible with the current repeaters in the schools.
10. Any holes drilled into a fire wall will need to be repaired with fire caulk. Any holes drilled will need to be sealed.
11. All necessary power supplies, duplexers, cabling, antennas, surge suppressors/grounding and mounting hardware will be supplied as part of the school system package. Installation will be a fixed price per school. Understanding that some installations may require more advanced design, the pricing for each school shall be the same for budget purposes.
12. The selected vendor must use frequencies provided by Williamson County Schools and Williamson County Government (EMA). The awarded bidder will need to register the locations with the FCC. The district currently uses John Johnson: Public Safety Communications Specialist Region 39 Secretary for location registrations.
13. The bidder is responsible to coordinate, procure and implement the FCC license registrations and related fees. Said fees from leasing agent must be factored into bidders final bid submittal to WCS.
14. Bidder must program each radio at the school's location with the appropriate channels knowing that there will be a variety of brands and various number of radios at each school. These radios will include Kenwood, Motorola, and Hytera. The bidder must provide the programming build for each respective radio to Williamson County Schools and Williamson County Government.
15. The awarded vendor must be an authorized service agent for the products proposed. The vendor must have deployed no less than 4 (four) similar systems in the mid-state area. The selected vendor must maintain spare units to be put in place should any of the systems require factory service.

16. All bidders must be agreeable to providing this same bid cost, terms and conditions to Franklin Special School District (FSSD). FSSD has the right to piggyback on this WCS bid project. WCS shall be indemnified for any FSSD transactions/orders. FSSD shall be solely responsible for their own orders, transactions, and operations.
17. WCS anticipates issuing a fully funded award PO by mid December 2024.
18. Once the WCS bid project is awarded and a fully funded Purchase Order is issued, the awarded vendor must have the turnkey project 100% completed within 120 consecutive calendar days from the date of the WCS Purchase Order. If the project is not fully completed during this time frame, WCS reserves the right to assess liquidated damages in the form of a deduct from the final invoice. The deduct shall be \$150 per consecutive calendar day beginning on day 121 and shall continue until full project completion.
19. List of WCS schools (for this project) is attached.
20. No partial payments are allowed. Once the project is 100% complete, vendor shall submit one itemized invoice to the attention of the Purchasing Department. After the invoice is approved for payment, WCS will facilitate remittance.

**WCS BID COVER SHEET**  
**RFB #1358**  
**Security Communications Infrastructure Improvements**

I, \_\_\_\_\_ (Print Name), \_\_\_\_\_ (Title),  
\_\_\_\_\_  
\_\_\_\_\_ (Signature), \_\_\_\_\_ (Date), verify that I have carefully read the specifications, terms, conditions, and instructions contained within this document and that I understand, acknowledge, and agree to all the language set forth in this document. By signing this document and submitting my bid in a sealed envelope to Williamson County Schools, I fully acknowledge, understand, and accept the language contained within this RFB document.

**Notice to Bidder** – *If you find any of the language, terms, conditions, or specifications unacceptable – then please do not bid or submit a bid package for this project.*

**Bidder Company Name:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
\_\_\_\_\_  
**Phone Number:** \_\_\_\_\_  
**Email:** \_\_\_\_\_

**Base Bid:** Provide a UHF repeater capable of dual mode, analog and digital. Without the need to make any physical setting to alternate between modes. The supplied repeater must be compatible with the Kenwood DASS (DMR Auto Slot Selection) function as this will apply to future system migration upgrades. An antenna system specifically designed to provide superior in building coverage as well as the surrounding campus area without producing long range coverage that would possibly cause interference with adjacent school campuses that may have to share the same channel pair. All necessary power supplies, duplexers, cabling, antennas, surge suppressors/grounding and mounting hardware will be supplied as part of the school system package. Installation will be a fixed price per school.

Understanding that some installs may require more advanced design, the pricing for each school shall be the same for budget purposes and will include 100% installation (all materials, supplies, equipment, and labor) at the approved site listed on the Purchase Order.

<b>Cost for each individual school location</b>	\$ _____
<b>Above dollar amount x 50 locations</b>	\$ _____
<b>Licensing Agent Fee</b>	\$ _____
<b>Grand Total for 50 locations including Licensing Fee</b>	\$ _____

**DRUG-FREE WORKPLACE AFFIDAVIT**

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The undersigned, principal officer of \_\_\_\_\_, an employer of five (5) or more employees contracting with Williamson County Board of Education to provide numerous 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 contacts 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 forgoing affidavit for the purposes therein contained.

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

Notary Public \_\_\_\_\_

My commission expires: \_\_\_\_\_



**CRIMINAL BACKGROUND COMPLIANCE AFFIDAVIT**

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The undersigned, principal officer of \_\_\_\_\_, an employer contracting with Williamson County Board of Education to provide various services having direct contact with children or access to grounds of a Williamson County public school while students are on grounds, hereby states under oath as follows:

1. The undersigned is a principal officer of \_\_\_\_\_ (hereafter 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. § 49-5-4 13 as amended effective September 1, 2007 for entities entering into contracts with a local board of education where the company's employees will have direct contact with school children or access to the grounds of a school when children are present. It is the duty of the Company to require applicants supply a fingerprint sample and submit to criminal history records check to be conducted by the Tennessee Bureau of Investigation and the Federal Bureau of Investigation prior to permitting the person to have contact with such children or enter school grounds and to take certain other actions based upon the results of the records check.
3. The Company is in compliance with the terms of T.C.A. § 49-5-413.

Further affiant saith naught.

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 he/she is the \_\_\_\_\_ of \_\_\_\_\_ and is authorized to execute this instrument on behalf of the principal for the purposes therein contained.

Witness my hand and seal at office this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Notary Public \_\_\_\_\_

**My commission expires:** \_\_\_\_\_

## **CERTIFICATION OF COMPLIANCE WITH THE IRAN DIVESTMENT ACT**

Effective July 1, 2016, this form must be submitted for any contract that is subject to the Iran Divestment Act, Tenn. Code Ann. § 12-12-101, et seq., (“Act”). This form must be submitted with any bid or proposal regardless of where the principal place of business is located.

Pursuant to the Act, this certification must be completed by any corporation, general partnership, limited partnership, limited liability partnership, joint venture, nonprofit organization, or other business organization that is contracting with a political subdivision of the State of Tennessee.

### **Certification Requirements.**

No state agency or local government shall enter into any contract subject to the Act or amend or renew any such contract with any bidder/contractor who is found ineligible under the Act.

Complete all sections of this certification and sign and date it, under oath, in the presence of a Notary Public or a person authorized to take an oath in another state.

### **CERTIFICATION:**

I, the undersigned, certify that by submission of this bid, each bidder and each person signing on behalf of any Respondent certifies, and in the case of a joint bid or contract 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 Tenn. Code Ann. § 12-12-106.

Respondent represents it has the full power, knowledge, and authority to make this Certification and that the signatory signing this Certification on behalf of bidder/contractor has been duly authorized to do so on behalf of the bidder/contractor.

Sworn as true to the best of my knowledge and belief, subject to the penalties of false statement.

\_\_\_\_\_  
Printed Respondent Name Printed Name of Authorized Official

\_\_\_\_\_  
Signature of Authorized Official

\_\_\_\_\_  
Date

**NON-BOYCOTT OF ISRAEL**  
**CERTIFICATION**

Tenn. Code Ann. § 12-4-119 prohibits public entities from entering into a contract for services, supplies, information technology or construction unless the contract includes a written certification that the company is not currently engaged in and will not be engaged in for the duration of the contract, a boycott of Israel. This applies to any contract entered into on or after July 1, 2022. The law does not apply to contracts with a value of less than \$250,000 or in contracts where the supplier has less than ten employees.

A boycott of Israel means engaging in refusals to deal, terminating business activities or other commercial actions that are intended to limit commercial relations with Israel, or companies doing business in or with Israel or authorized by, licensed by or organized under the laws of the State of Israel to do business, or persons or entities doing business in Israel, when such actions are taken: (1) In compliance with, or adherence to, calls for a boycott of Israel, or (2) In a manner that discriminates on the basis of nationality, national origin, religion, or other unreasonable basis and is not based on a valid business reason. Tenn. Code Ann. § 12-4-119.

**Certification Requirements.**

Complete all sections of this certification and sign and date it, under oath, in the presence of a Notary Public or a person authorized to take an oath in another state.

**CERTIFICATION:**

The Contractor certifies that it is not currently engaged in, and will not for the duration of the contract engage in, a boycott of Israel as defined by Tenn. Code Ann. § 12-4-119. This provision shall not apply to contracts with a total value of less than two hundred fifty thousand dollars (\$250,000) or to contractors with less than ten (10) employees.

\_\_\_\_\_  
Printed Name and Title of Authorized Official

\_\_\_\_\_  
Signature of Authorized Official

\_\_\_\_\_  
Date

**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 forgoing affidavit for the purposes therein contained.

Witness my hand and seal at office this \_\_\_\_\_ day of \_\_\_\_\_.

**Notary Public My commission expires:** \_\_\_\_\_

# WILLIAMSON COUNTY SCHOOLS

Revised 10/18/2024

## Elementary School

1	Allendale
2	Amanda H. North
3	Arrington
4	Bethesda
5	Chapman's Retreat
6	Clovercroft
7	College Grove
8	Creekside
9	Crockett
10	Edmondson
11	Fairview
12	Grassland
13	Heritage
14	Hunters Bend
15	Jordan
16	Kenrose
17	Lipscomb
18	Longview
19	Mill Creek
20	Nolensville
21	Oak View
22	Pearre Creek
23	Scales
24	Sunset
25	Thompson Station
26	Trinity
27	Walnut Grove
28	Westwood
29	Winstead

## Middle Schools

1	Brentwood
2	Fairview
3	Grassland
4	Heritage
5	Hillsboro K-8
6	Legacy
7	Mill Creek
8	Page
9	Spring Station
10	Sunset
11	Thompson Station
12	Woodland

## High Schools

1	Brentwood High & Stem
2	Centennial High
3	Fairview High
4	Franklin High & Annex
5	Independence
6	Nolensville
7	Page
8	Ravenwood
9	Summit