

## ***BID SPECIFICATIONS***

### **NETWORK EQUIPMENT FOR**

#### ***Hardeman County Schools***

**General:** Hardeman County School District is requesting bid proposals under the E-Rate category of "Internal Connections". An approved contract should cover the period between July 1, 2012 and June 30, 2013. Purchases are dependent upon E-Rate assistance, Director of Schools approval of the contract, and final approval by individual end users. Prospective vendor MUST perform walk-thru at site prior to bid date in order to ensure a working solution with existing network infrastructure regardless of details outlined in this RFP.

**Bidding Instructions/Deadline:** Bidders must clearly and independently identify all fees associated with their services including items such as maintenance, insurance, and any optional/extended services. Questions regarding bid specifications or requirements should be directed to Mrs. M. Johnson, Coordinator of IT (Phone: 731-658-3228). Bids should be clearly identified on the outside of a sealed envelope as "Bid-Network – Hardeman County Schools, ATTN: Willie Spencer/M. Johnson", and received no later than 10:00 a.m. central standard time, on March 14, 2012 at the following address:

**The County Mayor's Office  
100 N. Main, P.O. Box 250  
Bolivar, Tennessee 38008  
Attention Willie Spencer/M. Johnson**

## VENDOR REQUIREMENTS/TERMS OF CONTRACT:

1. **PUBLIC CHAPTER 587.** Vendors are required to comply with Tennessee Code Annotated, Section 49-5-413 enacted on September 1, 2007, which states that all employees who will have access to the grounds of a school must supply verification documentation for each employee that a background check has been performed by Tennessee Bureau of Investigation and the Federal Bureau of Investigation, prior to access to the school.
2. **BID BOND\PERFORMANCE BOND** Proposal must be accompanied by a **10% Bid Bond**. The 10% Bid Bond will be held from the selected Vendor as a guarantee of performance. Cost of the Bid Bond is the responsibility of the Vendor. \*\*\*Any bid submitted without these Bonds will be rejected.\*\*\*
3. **FINANCIAL RESPONSIBILITY:** Any expenses incurred in preparation of proposals to this RFP, including bid bonds or performance bonds, are the sole financial responsibility of the vendor.
4. **CONTRACTORS LICENSE** Vendors are required to have a current contractor's license from the State of Tennessee if any network cabling is involved in this bid. A copy of contractors license should be enclosed and the contractor's license number must be listed on bid envelope. Any work that will be subcontracted should be clearly marked in the bid. A copy of the contractor's license for all subcontractors is also required and should be enclosed and listed on the bid envelope. The vendor is responsible for any fees and/or costs incurred by all subcontracted work. The vendor is also responsible for correcting any sub par work performed by the subcontractor at the expense of the vendor. If the contractor fails to fulfill its obligation under this contract in a timely or proper manner, or if the contractor violates any terms of this contract, the Hardeman County School System shall have the right to immediately terminate the contract and withhold payments in excess of fair compensation for completed services. Notwithstanding the above, the contractor shall not be relieved of liability to the State for damages sustained by virtue of any breach of this contract by the contractor.

**TENNESSEE CONTRACTOR LICENSE NUMBER-**\_\_\_\_\_

**\*\*\*Any bid submitted without contractors license number a will be rejected.\*\*\***

5. **Subcontracting/Assignment**--consent required. The provisions of this contract shall insure to the benefit of and shall be binding upon the respective successors and assignees of the parties hereto. Except for rights to money due to Contractor under this contract, neither this contract nor any of the rights and obligations of Contractor hereunder shall be assigned or transferred in whole or in part without the prior written consent of the director of Hardeman County Schools. Any assignment or transfer shall not release Contractor from its obligations hereunder. NOTICE OF ASSIGNMENT OF ANY RIGHTS TO MONEY DUE TO CONTRACTOR UNDER THIS CONTRACT MUST BE SENT TO THE ATTENTION OF: Accounting Department, Hardeman County Board of Education, 10815 Old Highway 64, Bolivar, TN 38008

If such subcontracts are approved by the local government entity, they shall contain at a minimum, sections of this Contract pertaining to Conflicts of Interest and Nondiscrimination (Sections 6 and 7).

6. **Conflicts of Interest/Contingent Fees/Gratuities and Kickbacks** The Contractor warrants that no part of the total Contract Amount shall be paid directly or indirectly to an employee or official of the local government entity as wages, compensation, or gift in exchange for acting as an officer, agent, employee, subcontractor, or consultant to the Contractor in connection with any work contemplated or performed relative to this Contract. It shall be a breach of ethical standards for any person to offer, give or agree to give any employee or former employee, or for any employee or former employee to solicit, demand, accept or agree to accept from another person, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, preparation of any part of a program requirement or a purchase request, influencing the content of any specifications or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any proceeding or application, request for any ruling, determination, claim or controversy or other particular matter, pertaining to any program requirement of a contract or subcontract or to any solicitation or proposal therefore. It shall be a breach of ethical standards for any payment, gratuity or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor or a person associated therewith, as an inducement for the award of a subcontract or order. Breach of the provisions of this paragraph is, in addition to a breach of this contract, a breach of ethical standards, which may result in civil or criminal sanction and/or debarment or suspension from being a contractor or subcontractor under local government entity contracts.

7. **Nondiscrimination.** The Contractor hereby agrees, warrants, and assures that no person shall be excluded from participation in, be denied benefits of, or be otherwise subjected to discrimination in the performance of this Contract or in the employment practices of the Contractor, including promotion, demotion, employment, dismissal, or laying off of any individual, on the grounds of handicap and/or disability, age, race, color, religion, sex, national origin or any other classification protected by Federal, Tennessee State constitutional, or statutory law. The Contractor shall upon request, show proof of such nondiscrimination and shall post in conspicuous places, available to all employees and applicants, notices of nondiscrimination
  
8. **Hold Harmless.** The Contractor agrees to indemnify and hold harmless the local government entity as well as its officers, agents, and employees from and against: (a) any and all claims, liabilities, losses, and causes of action which may arise, accrue, or result to any person, firm, corporation, or other entity which may be injured or damaged as a result of acts, omissions, bad faith, negligence, or willful misconduct on the part of the Contractor, its officers, its employees, or any person acting for or on its or their behalf relating to this Contract; and (b) any claims, damages, penalties, costs and attorney fees arising from any failure of Contractor, its officers, employees, and/or agents, including its sub- or independent contractors, to observe applicable laws, including, but not limited to, labor and minimum wage laws. The Contractor further agrees it shall be liable for the reasonable cost of attorneys for the State in the event such service is necessitated to enforce the terms of this Contract or otherwise enforce the obligations of the Contractor to the State. In the event of any such suit or claim, the Contractor shall give the local government entity immediate notice thereof and shall provide all assistance required by the local government entity in its defense. The local government entity will not indemnify, defend or hold harmless in any fashion the Contractor for any claims, regardless of any language in any attachment or other document that the Contractor may provide. Contractor shall pay the local government entity any expenses incurred as a result of Contractor's failure to fulfill any obligation in a professional and timely manner under this Contract
  
9. **JOBSITE INSPECTION** Vendors are required to complete a walkthrough at each jobsite before bidding on proposed project. This will insure that vendor and Hardeman Co. Schools are in agreement on what the exact specifications must be. Contact M. Johnson at Hardeman Co. Schools to schedule a walkthrough and pickup a copy of the bid packet. Prospective vendor MUST perform walk-thru at site prior to bid date in order to ensure a working solution with existing network infrastructure regardless of details outlined in this RFP.
  
10. **TECHNICAL SUPPORT/VENDOR OFFICE OR TECHNICIANS** Vendors are required to have an office or representatives that are located within a 120 miles radius of Hardeman Co. Schools. This will insure that the vendors will be able to provide the needed service in a timely manner. Vendor must provide an 800 line for technical support at no additional charge to the school system during the warranty period if out of the local calling area. Vendor is required to provide 48-hour response time on any problems that may occur with network or computer equipment. Please list all technicians, their locations, and experience. Please note if any of your technicians have Novell, Microsoft Certification, Network Cabling, or Fiber Optic, or MESH Technology certifications.

**OFFICE OR TECHNICIANS ADDRESS-** \_\_\_\_\_  
**TOLL FREE TECHNICAL SUPPORT NUMBER-** \_\_\_\_\_

11. **E-RATE AUTHORIZED SPIN NUMBER** Vendors are required to have an authorized E-RATE Spin Number From USAC. This will allow Hardeman Co. Schools. Schools to purchase products with the E-Rate discount in the future.

**E-RATE SPIN NUMBER-** \_\_\_\_\_  
**\*\*\*Any bid submitted without ERATE spin number a will be rejected.\*\*\***

12. **INSURANCE REQUIREMENT** Bid must be accompanied with Certificate of Insurance. Vendor must carry a minimum of \$1,000,000 Liability Coverage and Workers Compensation on all employees that will work in Hardeman Co. Schools  
**\*\*\*Any bid submitted without a certificate of insurance will be rejected.\*\*\***

13. **CLIENT/REFERENCE LIST** Vendor must provide a list of School References (Min. of 5) where similar networks and computers have been installed. as proposal (List Contact Name and Telephone Number, preferably within the State of Tennessee.)  
**\*\*\*Any bid submitted without a client reference list will be rejected.\*\*\***

14. **FINANCIAL STABILITY** Vendor must be willing to provide financial statements and bank references if required to show financial stability to a school system.

15. **CODES, STANDARDS, AND REGULATIONS** All FCC regulations governing Wireless Telecommunications must be followed. All network/telecommunication cabling must comply with applicable Tennessee building and fire codes. All electrical codes, standards and guidelines govern the installation practices and materials used. The minimum standards will meet ANSI/TIA/EIA-568, 569, 570, 598, 606, 607, 758, TIA/EIA TSB-67, 72, 75. Other considerations concerning 802.11 deployment must be met, which includes IEEE 802.11i, IEEE 802.11e, Wi-Fi certification, WMM certification, IEEE 802.11a, IEEE 802.11.b, IEEE 802.11g., IEEE 802.11n, IEEE 802.11i, Layer-3 mobility, and IEEE 802.3af. Also see Compliance Standards located under Scope of Work.
  
16. **PRICE PROTECTION** All prices must be Free On Board (F.O.B.) to Hardeman Co. Schools. Prices quoted must be good for one year from the date of award. Vendor must deliver, setup, install, and test every system on the network. Delivery and installation of these systems into the network must be completed within 45 days of obtaining the purchase order. **Vendor must provide on-site services after the warranty period.** If network cabling is involved, the warranty provided must be a minimum of 3 year from installation date.
  
17. **RIGHT TO REJECT PROPOSALS** Hardeman Co. School System reserves the right to reject any or all proposals, to waive technicalities or informality and to accept any proposal deemed to be in the best interest of the county. ***All proposals must include SKU AND FULL MAKE AND MODEL with the bid.***
  
18. **RIGHT TO PURCHASE SELECTED ITEMS ON BID** Hardeman Co. School System reserves the right to purchase selected items on this bid. If funds to purchase entire bid are not available, Hardeman Co. School System may purchase selected items at this time and the balance within the next school year.
  
19. **WORKMANSHIP** ***All work areas will be swept and work materials picked up before leaving the premises at the end of the workday.*** Equipment will be moved, if possible, or if not possible, covered when any drilling must be done through the walls or ceilings. Tables will be covered at both sides of the work area where drilling will take place. All cell phones should be turned off, or placed on silent mode when inside school buildings.
  
20. **JOB COMPLETION:** Upon job completion, all hardware installations and network drops must be tested, and a hardcopy of test results must be provided to the Hardeman County School System. A wireless survey and spectrum analysis, which includes intrusion detection services and RF predication should be completed at job end. Documentation for each AP should include MAC address, ESSID, associated ESSIDs, associated APs or peer station, Channel, Average/Peak SNR, Beacons security parameters/802.1x identity, and location.
  
21. **COMPATIBILITY** All proposed additions of network infrastructure must be compatible with previously installed equipment.
  
22. **Warranty:** Hardware and installation should be for a minimum of three (3) years.
  
23. **Severability.** If any terms and conditions of this Contract are held to be invalid or unenforceable as a matter of law, the other term and conditions hereof shall not be affected thereby and shall remain in full force and effect. To this end, the terms and conditions of this Contract are declared severable.

I agree to all of the above terms and guarantee to meet all said terms, unless otherwise noted, to the satisfaction of the school district.

Name \_\_\_\_\_ Title \_\_\_\_\_  
 Company \_\_\_\_\_  
 Signature \_\_\_\_\_ Date \_\_\_\_\_

### **Scope of Work:**

Hardeman County Schools expect a turnkey solution where the selected vendor is responsible for managing the entire project from design phase through user acceptance, to include installation and any necessary on-going support and maintenance. Responsibilities include, but are not limited to, site surveys, structured cabling if required, electrical and equipment recommendations, testing of all equipment, and any other associated tasks required for a successful hardware replacement. Warranty of installation and hardware should be for 3 years. As part of the solution, on-site training over the use and management of the network infrastructure, and an electronic spreadsheet detailing products, serial number, device name, static IP address and location is expected as part of the user acceptance condition. The hardware solution must have the ability to be centrally managed, being able to co-exist and comply with the existing wired network in the district. The hardware must have the ability to create multiple VLANs. Network drops should be plenum rated Cat6, unless otherwise noted. All existing racks should be utilized, with the switches being rack mounted, and the depth dimension of which should not exceed 24.1 cm. Switches must have the ability to be stackable. All existing enclosed racks should still be able to close and lock upon completion. All labeled network drops will remain the same.

The replacement will cover 5 sites, and to include 8 buildings, and 3 portables. The hardware proposal will need to have the ability to be scalable as the network access expands. The network must meet specifications or all money will be refunded. Please focus on your overall strategy and approach, and highlight critical issues you believe would need to be addressed/resolved for each one. You will be responsible for replacing current hardware with updated similar functionality Gigabit capable Layer-2 Ethernet switches, incorporating existing patch panels, fiber, etc. with the new hardware. Example: PoE switches will be replaced with PoE switches. Although VoIP is not deployed at this time, the proposed solution must keep in mind that at some point VoIP may become a reality.

**NOTE: The Cisco wireless switches and controllers will NOT be replaced.**

**Compliance Standards:** IEEE 802.3 10BASE-T Ethernet, IEEE 802.3u 100BASE-TX Fast Ethernet, IEEE 802.1p, IEEE 802.3ab 1000BASE-T Gigabit Ethernet, IEEE 802.3ad LACP, IEEE 802.3z Gigabit Ethernet, IEEE 802.3x Flow Control, IEEE 802.1D (STP), IEEE 802.1Q/p VLAN, IEEE 802.1w RSTP, IEEE 802.1X Port Access Authentication, IEEE 802.3af

### **NETWORK SWITCHES, RACKS, PATCH PANELS AND EXPANSION CABLES- (Installed)**

- a) Vendor must deliver test and install each rack, patch panels, switches and expansion cables on the network for the new installation.
- b) A hard copy of the testing results must be provided to Hardeman County Board of Education upon completion of job. It is vendor's responsibility to provide literature and documentation that products meet or exceed specifications if quoting brands other than what has been specified.
- c) All proposed equipment must be compatible with currently installed products/hardware.
- d) All cables will be clearly marked at demarcation point in wiring closet as to its destination.
- e) All cable (both ends), faceplate, and patch panel labels will be provided by the contractor, and shall be either typed or machine generated.
- f) Where slack cable is prescribed, cable should be neatly coiled, bound, and stored in the ceiling if applicable.
- g) Vendor must use current wall penetrations where available. If new wall penetrations are required, all building and fire codes must be adhered to.
- h) If required, plenum-rated Cat6 cabling should be used, unless location is the BOE where Cat5e is used.
- i) All APs will be connected to a Ethernet layer-3 switch with PoE capabilities.
- j) Management should be GUI interface, preferably web-based and support centralized management. Training is expected upon completion.
- k) Ability to generate and view historical and real time statistics. Provide sample reports.
- l) A hard copy of all testing should be received by the Hardeman County School System upon completion of job. See number 20, Job Completion, on page 4 for further information.
- m) Rack mounted UPS backup with dimensions similar to the Ellipse 1200.
- n) Cat6 24 or 48 port patch panels with horizontal wire management if needed unless location is the Board of Education, and in that case Cat5e would be used.

**CURRENT NETWORK SWITCH CONFIGURATON BY LOCATION**

BOE

| IP Address | Make                         | Model            | MAC Address | Location | Serial Number | Asset Tag | Product # | Version |
|------------|------------------------------|------------------|-------------|----------|---------------|-----------|-----------|---------|
|            | Allied Telesyn International | CentreCOM FS724i |             |          |               | 4454      | NA        | NA      |
|            | Allied Telesyn International | CentreCOM FS724i |             |          |               | 4450      | NA        | NA      |
|            | Allied Telesyn International | CentreCOM FS724i |             |          |               | 4451      | NA        | NA      |
|            | Allied Telesyn International | CentreCOM FS724i |             |          |               | 4452      | NA        | NA      |
|            | Cisco                        | 4402 WLC         |             |          |               | 10941     | NA        | NA      |
|            | Cisco                        | 3560 Switch      |             |          |               | 4453      | NA        | NA      |
|            | Cisco                        | Router           |             |          |               |           |           |         |

GJES

| IP Address | Make  | Model           | MAC Address | Location | Serial Number | Asset Tag | Product # | Version |
|------------|-------|-----------------|-------------|----------|---------------|-----------|-----------|---------|
|            | 3Com  | Switch 3300MM   |             |          |               | 9258      | 3C16988A  | 2.72    |
|            | 3Com  | Switch 3300SM   |             |          |               | 9259      | 3C16987A  | 2.72    |
|            | 3Com  | Switch 4400SE   |             |          |               | 9264      | 3C17206   | 5.00    |
|            | 3Com  | Switch 3300     |             |          |               | 9268      | 3C16980A  | 2.72    |
|            | 3Com  | Switch 3300XM   |             |          |               | 9265      | 3C16985B  | 2.72    |
|            | Cisco | Router          |             |          |               |           |           |         |
|            | 3Com  | 4500 PWR Switch |             |          |               | 9267      | 3CR17571  |         |
|            | 3Com  | 4500 PWR Switch |             |          |               | 9266      | 3CR17571  |         |
|            | Cisco | 5508 WLC        |             |          |               | 10517     | NA        | NA      |
|            | Cisco | SG-300-28P POE  |             |          |               | 10943     | NA        | NA      |

IDF1

|  |       |                   |  |  |  |       |          |      |
|--|-------|-------------------|--|--|--|-------|----------|------|
|  | 3Com  | Switch 3300SM     |  |  |  | 10944 | 3C16987A | 2.72 |
|  | Cisco | ESW-540-8P-K9 POE |  |  |  | 10518 | NA       | NA   |

BES

IP Address    Make    Model    MAC Address    Location    Serial Number    Asset Tag    Product #    Version

MDF

|            |       |                 |            |            |            |       |          |      |
|------------|-------|-----------------|------------|------------|------------|-------|----------|------|
| [REDACTED] | 3Com  | Switch 4900SX   | [REDACTED] | [REDACTED] | [REDACTED] | 7330  | 3C17702  | 3.00 |
| [REDACTED] | 3Com  | Switch 3300MM   | [REDACTED] | [REDACTED] | [REDACTED] | 7345  | 3C16988A | 2.72 |
| [REDACTED] | 3Com  | Switch 3300SM   | [REDACTED] | [REDACTED] | [REDACTED] | 7344  | 3C16987A | 2.72 |
| [REDACTED] | 3Com  | Switch 3300XM   | [REDACTED] | [REDACTED] | [REDACTED] | 7343  | 3C16985B | 2.72 |
| [REDACTED] | 3Com  | 4500 PWR Switch | [REDACTED] | [REDACTED] | [REDACTED] | 7342  | 3CR17571 |      |
| [REDACTED] | Cisco | SG-300-28P POE  | [REDACTED] | [REDACTED] | [REDACTED] | 10547 | NA       | NA   |
| [REDACTED] | Cisco | 5508 WLC        | [REDACTED] | [REDACTED] | [REDACTED] | 10546 | NA       | NA   |

IDF1

|            |      |                 |            |            |            |      |          |      |
|------------|------|-----------------|------------|------------|------------|------|----------|------|
| [REDACTED] | 3Com | Switch 3300SM   | [REDACTED] | [REDACTED] | [REDACTED] | 6579 | 3C16987A | 2.72 |
| [REDACTED] | 3Com | 4500 PWR Switch | [REDACTED] | [REDACTED] | [REDACTED] | 6569 | 3CR17571 |      |

IDF2

|            |       |                     |            |            |            |       |          |      |
|------------|-------|---------------------|------------|------------|------------|-------|----------|------|
| [REDACTED] | 3Com  | Switch 3300XM       | [REDACTED] | [REDACTED] | [REDACTED] | 10948 | 3C16985B | 2.72 |
| [REDACTED] | 3Com  | Switch 3300SM       | [REDACTED] | [REDACTED] | [REDACTED] | 10947 | 3C16987A | 2.72 |
| [REDACTED] | Cisco | Catalyst 2960-S POE | [REDACTED] | [REDACTED] | [REDACTED] | 10545 | NA       | NA   |

IDF3

|            |      |                 |            |            |            |       |          |      |
|------------|------|-----------------|------------|------------|------------|-------|----------|------|
| [REDACTED] | 3Com | Switch 3300SM   | [REDACTED] | [REDACTED] | [REDACTED] | 12223 | 3C16987A | 2.72 |
| [REDACTED] | 3Com | Switch 3300XM   | [REDACTED] | [REDACTED] | [REDACTED] | 12224 | 3C16985B | 2.72 |
| [REDACTED] | 3Com | 4500 PWR Switch | [REDACTED] | [REDACTED] | [REDACTED] | 12221 | 3CR17571 |      |
| [REDACTED] | 3Com | 4210 Switch     | [REDACTED] | [REDACTED] | [REDACTED] | 3147  | 3CR17333 |      |

IDF4

|            |      |                 |            |            |            |      |          |      |
|------------|------|-----------------|------------|------------|------------|------|----------|------|
| [REDACTED] | 3Com | Switch 3300MM   | [REDACTED] | [REDACTED] | [REDACTED] | 7283 | 3C16988A | 2.72 |
| [REDACTED] | 3Com | Switch 3300SM   | [REDACTED] | [REDACTED] | [REDACTED] | 7284 | 3C16987A | 2.72 |
| [REDACTED] | 3Com | Switch 3300XM   | [REDACTED] | [REDACTED] | [REDACTED] | 7285 | 3C16985B | 2.72 |
| [REDACTED] | 3Com | 4500 PWR Switch | [REDACTED] | [REDACTED] | [REDACTED] | 7286 | 3CR17571 |      |

IDF5

|            |      |                 |            |            |            |       |          |  |
|------------|------|-----------------|------------|------------|------------|-------|----------|--|
| [REDACTED] | 3Com | 4500 PWR Switch | [REDACTED] | [REDACTED] | [REDACTED] | 10950 | 3CR17571 |  |
|------------|------|-----------------|------------|------------|------------|-------|----------|--|

BES Page 2

| IP Address  | Make  | Model               | MAC Address | Location   | Serial Number | Asset Tag  | Product #  | Version    |
|-------------|-------|---------------------|-------------|------------|---------------|------------|------------|------------|
| <b>IDF6</b> |       |                     |             |            |               |            |            |            |
| [REDACTED]  | 3Com  | Switch 3300MM       | [REDACTED]  | [REDACTED] | [REDACTED]    | 6873       | 3C16988A   | 2.72       |
| [REDACTED]  | 3Com  | Switch 3300SM       | [REDACTED]  | [REDACTED] | [REDACTED]    | 6875       | 3C16987A   | 2.72       |
| [REDACTED]  | 3Com  | Switch 3300XM       | [REDACTED]  | [REDACTED] | [REDACTED]    | 6876       | 3C16985B   | 2.72       |
| [REDACTED]  | Cisco | Router              | [REDACTED]  | [REDACTED] | [REDACTED]    | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED]  | 3Com  | Switch 3300SM       | [REDACTED]  | [REDACTED] | [REDACTED]    | 6874       | 3C16987A   |            |
| [REDACTED]  | Cisco | Catalyst 2960-S POE | [REDACTED]  | [REDACTED] | [REDACTED]    | 10516      | NA         | NA         |
| <b>IDF7</b> |       |                     |             |            |               |            |            |            |
| [REDACTED]  | 3Com  | Switch 3300XM       | [REDACTED]  | [REDACTED] | [REDACTED]    | 6929       | 3C16985B   | 2.72       |
| [REDACTED]  | 3Com  | Switch 3300SM       | [REDACTED]  | [REDACTED] | [REDACTED]    | 6930       | 3C16987A   | 2.72       |
| [REDACTED]  | 3Com  | 4500 PWR Switch     | [REDACTED]  | [REDACTED] | [REDACTED]    | 6931       | SCR17571   |            |

BMS

| IP Address  | Make  | Model         | MAC Address | Location   | Serial Number | Asset Tag  | Product #  | Version    |
|-------------|-------|---------------|-------------|------------|---------------|------------|------------|------------|
| <b>IDF1</b> |       |               |             |            |               |            |            |            |
| [REDACTED]  | 3Com  | Switch 3300MM | [REDACTED]  | [REDACTED] | [REDACTED]    | 8495       | 3C16988A   | 2.72       |
| [REDACTED]  | 3Com  | Switch 3300SM | [REDACTED]  | [REDACTED] | [REDACTED]    | 8496       | 3C16987A   | 2.72       |
| [REDACTED]  | 3Com  | Switch 3300SM | [REDACTED]  | [REDACTED] | [REDACTED]    | 8497       | 3C16987A   | 2.72       |
| [REDACTED]  | 3Com  | Switch 3300SM | [REDACTED]  | [REDACTED] | [REDACTED]    | 8498       | 3C16987A   | 2.72       |
| [REDACTED]  | Cisco | Router        | [REDACTED]  | [REDACTED] | [REDACTED]    | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED]  | Cisco | Controller    | [REDACTED]  | [REDACTED] | [REDACTED]    | 10949      | NA         | NA         |
| [REDACTED]  | Cisco | 3560 Switch   | [REDACTED]  | [REDACTED] | [REDACTED]    | 8499       | NA         | NA         |
| <b>IDF2</b> |       |               |             |            |               |            |            |            |
| [REDACTED]  | 3Com  | Switch 3300SM | [REDACTED]  | [REDACTED] | [REDACTED]    | 7955       | 3C16987A   | 2.72       |
| [REDACTED]  | Cisco | 3560 Switch   | [REDACTED]  | [REDACTED] | [REDACTED]    | 7956       | NA         | NA         |
| [REDACTED]  | 3Com  | Switch 3300XM | [REDACTED]  | [REDACTED] | [REDACTED]    | 10939      | 3C16985B   |            |

IDF2

|            |      |               |            |            |            |      |          |      |
|------------|------|---------------|------------|------------|------------|------|----------|------|
| [REDACTED] | 3Com | Switch 3300MM | [REDACTED] | [REDACTED] | [REDACTED] | 7952 | 3C16988A | 2.72 |
| [REDACTED] | 3Com | Switch 3300SM | [REDACTED] | [REDACTED] | [REDACTED] | 7951 | 3C16987A | 2.72 |
| [REDACTED] | 3Com | Switch 3300XM | [REDACTED] | [REDACTED] | [REDACTED] | 7950 | 3C16985B | 2.72 |

| BMS CONT | IP Address | Make  | Model         | MAC Address | Location | Serial Number | Asset Tag | Product # | Version |
|----------|------------|-------|---------------|-------------|----------|---------------|-----------|-----------|---------|
|          |            | 3Com  | Switch 3300SM |             |          |               | 7949      | 3C16987A  | 2.72    |
|          |            | 3Com  | Switch 3300SM |             |          |               | 7948      | 3C16987A  | 2.72    |
|          |            | Cisco | 3560 Switch   |             |          |               | 7947      | NA        | NA      |
| IDF3     |            |       |               |             |          |               |           |           |         |
|          |            | 3Com  | Switch 3300SM |             |          |               | 10951     | 3C16987A  | 2.72    |
|          |            | Cisco | 3560 Switch   |             |          |               | 11631     | NA        | NA      |

WES

| IP Address | Make  | Model           | MAC Address | Location | Serial Number | Asset Tag | Product # | Version |
|------------|-------|-----------------|-------------|----------|---------------|-----------|-----------|---------|
|            | 3Com  | Switch 3300MM   |             |          |               | 8908      | 3C16988A  | 2.72    |
|            | 3Com  | Switch 3300SM   |             |          |               | 8907      | 3C16987A  | 2.72    |
|            | 3Com  | Switch 3300SM   |             |          |               | 8905      | 3C16987A  | 2.72    |
|            | 3Com  | Switch 3300XM   |             |          |               | 8904      | 3C16985B  | 2.72    |
|            | 3Com  | Switch 3300XM   |             |          |               | 8910      | 3C16985B  | 2.72    |
|            | 3Com  | Switch 3300SM   |             |          |               | 8909      | 3C16987A  | 2.72    |
|            | Cisco | Router          |             |          |               |           |           |         |
|            | Cisco | Controller      |             |          |               | 8902      | NA        | NA      |
|            | Cisco | 3560 Switch     |             |          |               | 8911      | NA        | NA      |
|            | 3Com  | 4500 PWR Switch |             |          |               | 8903      | 3CR17571  |         |

IDF1

|  |       |                 |  |  |  |      |          |      |
|--|-------|-----------------|--|--|--|------|----------|------|
|  | 3Com  | Switch 3300MM   |  |  |  | 8981 | 3C16988A | 2.72 |
|  | 3Com  | Switch 3300SM   |  |  |  | 8982 | 3C16987A | 2.72 |
|  | 3Com  | Switch 3300XM   |  |  |  | 8983 | 3C16985B | 2.72 |
|  | Cisco | 3560 Switch     |  |  |  | 8994 | NA       | NA   |
|  | 3Com  | 4500 PWR Switch |  |  |  | 8993 | 3CR17571 |      |

**HARDEMAN COUNTY SCHOOLS  
BID RETURN FORM NETWORK WIRING**

VENDOR'S NAME \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
CONTACT PERSON \_\_\_\_\_ FAX NO. \_\_\_\_\_  
ADDRESS \_\_\_\_\_ EMAIL \_\_\_\_\_  
\_\_\_\_\_

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SIGNATURE OF/FOR VENDOR

DATE

**PROVIDE YOUR BID TOTAL AFTER CONSIDERING ALL SPECIFICATIONS HEREIN:** Note: Vendor must complete Appendix A for each access point model recommended.

Total Bid: \_\_\_\_\_

Optional features should be detailed and associated cost referenced on the following pages.

**Schedule A. Solution Pricing Template**

All hardware pricing should include a 3-year warranty. Optional warranty would encompass additional years above the 3-year period.

| Mfg/Model No. | SKU | List Price | Discount off List | Discount Price | Optional Warranty | 8:00 a.m. to 5:00 p.m. full technical support | Clarifying Comments |
|---------------|-----|------------|-------------------|----------------|-------------------|---|---------------------|
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |

**Management Software**

| Mfg/Model No. | SKU | List Price | Discount off List | Discount Price | Optional Warranty | 8:00 a.m. to 5:00 p.m. full technical support | Clarifying Comments |
|---------------|-----|------------|-------------------|----------------|-------------------|---|---------------------|
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |

**Management System Hardware Requirements**

| Mfg/Model No. | SKU | List Price | Discount off List | Discount Price | Optional Warranty | 8:00 a.m. to 5:00 p.m. full technical support | Clarifying Comments |
|---------------|-----|------------|-------------------|----------------|-------------------|---|---------------------|
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |

**Miscellaneous Software – If applicable, vendor must price a site license covering all operations of Hardeman County School System.**

| Mfg/Model No. | SKU | List Price | Discount off List | Discount Price | Optional Warranty | 8:00 a.m. to 5:00 p.m. full technical support | Clarifying Comments |
|---------------|-----|------------|-------------------|----------------|-------------------|---|---------------------|
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |

**Miscellaneous Parts**

| Mfg/Model No. | SKU | List Price | Discount off List | Discount Price | Optional Warranty | 8:00 a.m. to 5:00 p.m. full technical support | Clarifying Comments |
|---------------|-----|------------|-------------------|----------------|-------------------|---|---------------------|
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |
|               |     |            |                   |                |                   |   |                     |