

Request for Bid Proposal  
Chester County Board of Education  
New Bus Cameras

Bid Submission Deadline: June 15, 2021

Time : 10:00 A.M.

Location: Chester County Board of Education  
970 East Main Street  
Henderson, Tennessee 38340

Telephone: (731) -989-5134

Contact: Britt Eads 731-435-3046

**NOTICE**

**\*\* I will not be available for questions after June 4.\*\***

# New Bus Cameras

I. The purpose of this bid specification is to obtain proposals from qualified vendors that have the ability to provide the Chester Co. School System with 11 new camera systems and install for selected buses.

II. Each interested vendor shall be responsible for the review of information contained herein, other information as requested, required site visitation, and other information which will represent the vendor's best effort for the construction at these locations.

## III. Requirements for Submission of Proposal

### A. Submittal Guidelines

1. Submit one (1) original copy including **Specification Document** with bid sheet on top.
2. It is the Vendor's responsibility to clearly identify and to describe the products and services being offered in response to the Solicitation.
3. All required information must be furnished and presented in an organized, comprehensive and easy to follow manner.
4. Provide proof of liability and workers compensation insurance.
5. Sign Iran Divestment Act Affidavit.

### B. How to Submit Proposal Responses

All proposal responses shall be submitted with attached Bid Sheet as the cover sheet in a sealed opaque envelope with the following information written on the outside of that envelope:

1. The bidders company name
2. **Mailed or delivered to the address shown below for receipt by the Chester County Board of Education on or before 10:00 a.m. on June 15, 2021.**

(a). Mailing/Hand Delivery Address:  
Chester County Board of Education  
970 East Main St.  
Henderson, Tennessee 38340

### C. Bid Opening

Submitted proposals will be publically opened on June 15, 2021 at 10:00 a.m.

## IV. Scope of Work

### A. Site Preparation

- Refer to the Specification Document in this bid document below.

### B. Safety

All Vendors and installers or subcontractors performing services for Chester County Board of Education are required and shall comply with all Occupational Safety and Health Administration (OSHA), State and County Safety and Occupational Health Standards and any other applicable rules and regulations. The Vendor and subcontractors shall be held responsible for the safety of their employees and any unsafe acts or conditions that may cause injury or damage to any persons or property within and around the work site area under this contract.

### C. Warranty

Vendor proposals should address each of the following:

1. Applicable warranty and/or guarantees of equipment and installations including any conditions and response time for repair and/or replacement of any components during the warranty period.
2. Guarantee: The Proposer unconditionally guarantees the materials and workmanship on all material and/or services. If, within the guarantee period any defects occur due to faulty material and/or services, the Proposer at their expense, shall repair or adjust the condition, or replace the material and/or services to the complete satisfaction of the Chester County Board of Education. These repairs, replacements or adjustments shall be made only at such time as will be designated by the Chester County Board of Education to ensure the least impact to the operation of Chester County Board of Education business.

### V. Bid Amount

Bid amounts should include all applicable service charge, fees and permits associated with this project. The vendor assumes all responsibility for cost incurred upon the acceptance of this project.

### VI. Site visitation

N/A

### VII. Other Requirements

#### A. Non-Discrimination Provision

Chester County Board of Education is committed to promoting equal opportunities for all and to eliminating prohibited discrimination in all forms. For purposes of this section, *prohibited discrimination* means discrimination in the solicitation, selection, and / or treatment of any subcontractor, vendor, or commercial customer on the basis of race, ethnicity, gender, age, religion, national origin, disability or other unlawful form of discrimination. Accordingly, all vendors entering into contracts with the Chester County Board of Education shall, upon request, be required to show proof of such nondiscrimination and to post in conspicuous places, available to all employees and applicants, notices of nondiscrimination.

#### B. Insurance Requirements

To the extent permitted by law the successful Vendor shall indemnify and save harmless the Chester County Board of Education, its officers, agents, employees and assigns from and against all loss, damages, expenses and liability caused by an accident or other occurrence resulting in bodily injury, including death, sickness and disease to any person; or damage or destruction to property, real or personal; arising directly or indirectly from operations, products or services rendered or purchased under this Bid request. **Certificate of General Liability Insurance shall be required of the successful vendor with the Chester County Board of Education.**

#### C. Compliance with Laws

The Vendor shall obtain and maintain all licenses, permits, liability insurance, workers compensation insurance and comply with any and all other standards or regulations required by federal, state or local statute, ordinances and rules during the performance of this contract between the Vendor and Chester County Board of Education. The vendor will assume any cost for non-compliance with laws related to the installation of the units.

#### D. Specifications

Any obvious error or omission in specifications shall not inure to the benefit of the Vendor but shall put the Vendor on notice to inquire of the Chester County Board of Education representative about the error or omission. Whenever mention is made of any article, material or workmanship to be in accordance with laws, ordinances, building codes, underwriter's codes, the requirements of these laws, ordinances, etc., shall be construed to be the minimum requirements of the specifications.

#### **E. Liens**

The Vendor shall, if required by the Chester County Board of Education, furnish him/her with a release in full of all liens arising out of this contract or in-lieu thereof, and receipts in full for all materials and labor on the job. In either case, the Vendor shall furnish an affidavit that the liens or receipts include all the labor and material for which a lien could be file. In lieu of the above, the Vendor may at his/her option furnish a bond to indemnify the Chester County Board of Education against all hazards of liens. Neither part nor final payment shall in any way release the Vendor from the above obligation and in the event that part or full payment has been made and any lien remains discharged, the Vendor shall refund to the Chester County Board of Education the necessary funds to discharge such a lien including all cost and attorney's fees.

### **VIII. Acceptance/Rejection of Proposal**

#### **A. Standards for Acceptance of Proposal for Award Contract**

1. The award shall be made to the lowest responsible Vendor taking into consideration, quality, performance and the time specified in the bid for the performance of the contract. Chester County Board of Education alone shall make such determination.
2. The Chester County Board of Education reserves the right to reject any or all bids and to waive any irregularities or technicalities in bids received whenever such rejection or waiver is in the best interest of the Chester County Board of Education.
3. This Request for bid does not commit Chester County Board of Education to contract for any requirements of this solicitation.
4. Nothing in this Section shall prohibit the Chester County Board of Education from conducting discussions with Vendors after the bid opening.
5. A purchase order issued to the successful vendor shall be deemed to result in a binding contract.

#### **B. Late Bids**

**Bids not received by 10:00 a.m. on June 15, 2021, will not be opened or considered, unless the delay is a result of negligence by the Chester County Board of Education, its agents, or assigns.**

#### **C. Notice to Proceed**

The successful bidder shall not commence work under this Request for Bids until duly notified by receipt of an executed contract from the Chester County Board of Education. If the successful Vendor does commence work prior to receiving official notification, that action is taken at the successful Vendor's risk.

## IX. Evaluation of Bids

Bids will be evaluated by the Chester County Board of Education in compliance with applicable competitive bidding requirements. The companies with the best value and most competitive proposals may be invited for interviews.

### **A. Errors in Bids**

Vendors or their authorized representatives are expected to fully inform themselves as to the conditions, requirements and specifications before submitting bids. Failure to do so will be at the Vendor own risk. In case of error in extension of prices in the proposal, the unit prices shall govern.

### **B. Criteria for Assessment of Bids**

To assess the equipment, designs and services submitted in response to this BID, the criteria to be used will include, but not be limited to, the following:

1. Proposed cost and quality of equipment and services.
2. Warranties offered;
3. Installation experience and qualifications, including applicable certifications and licensure.
4. Anticipated completion date.

SPECIFICATION DOCUMENT

Specifications	Meet Specification		If no, explain what is being offered.
	Yes	No	
System must be provided by manufacturer and must be equal in function to the Pro-Vision model: DVR-906			
System must be installed by manufacturer, no 3 <sup>rd</sup> party installations.			
The system must have the ability to utilize a minimum of four (4) 1080p HD digital cameras to provide the recording inside and/or outside the vehicle with maximum image clarity.			
The system must have the ability to utilize a minimum of four (4) 1080p HD analog cameras to provide recording and real-time viewing on a display inside the vehicle for observation purposes.			
The system shall include a GPS antenna to receive satellite data that includes no less than latitude, longitude, speed, and date/time.			
The recording unit and its primary data storage device must be completely solid state.			
The system must utilize positive locking connectors for all connections. IP connections will not be accepted.			
Any equivalent product / system that is proposed must be physically and functionally identical to a PRO-VISION Hybrid High Definition Digital Video Recording Unit.			

The recording unit must be able to use SD, SDHC, and SDXC cards with capacities up to 512GB, systems using MicroSD cards are not accepted.			
The recording unit must be capable of additional or redundant storage through a removable 2.5" drive tray with either 500GB, 1TB, 2TB, or 4TB Solid State Drive (SSD). Systems using Hard Disk Drives (HDD) are not acceptable.			
The recording unit must be capable of recording from eight (8) cameras simultaneously at the maximum quality and frame rate.			
The recording unit must be capable of recording at no less than 1080p High Definition video quality on every camera.			
The recording unit must be capable of simultaneously recording of up to 8 cameras at 1080P HD picture quality at 30fps.			
The recording unit must be capable of configuring video quality, resolution, and recording speed (bit rate and frame rate) individually for each camera.			
The recording unit must be able to record from up to four (4) analog camera, and each analog input must support the use of both standard definition CVBS cameras as well as high definition AHD cameras.			
The recording unit must record video files in an *.avi file format to allow, without requiring any file conversion, recorded video to be uploaded and viewed without proprietary viewing software.			

The recording unit must utilize the latest encoding to record using either h.265 or h.264 video compression to store the largest amount of video. Systems using older MPEG video compression are not acceptable.			
The recording unit must have the ability to download video manually by removing the storage device or manually through Wi-Fi.			
The recording unit must be capable of simultaneous recording, playback, and remote access allowing users to review video without interruption of recording.			
The recording unit must be capable of on-board viewing, downloading and control via laptop, smart phone, or tablet with a Wi-Fi or LAN connection. Systems that only allow a hardwired connection are not acceptable.			
The recording unit must have a built in Wi-Fi Access Point with password protection for setup of DVR and viewing of cameras. Units using external Wi-Fi routers, bridges, dongles or access points are not acceptable.			
The recording unit must have a built in Wi-Fi Client for connection to an existing network for transfer of video files and remote viewing. Systems that use external WI-FI devices are not accepted.			
The built-in Wi-Fi radio must support 2.4Ghz and 5Ghz bands and 802.11n/ac standards with 2x2 MIMO capability.			



The recording unit must be capable of streaming live video to an in vehicle cellular device through Wi-Fi or LAN.			
The recording unit shall have the capacity to update firmware wirelessly with a laptop, tablet or smart phone.			
The recording unit firmware updates shall be provided at no charge to allow the most current and stable operation and allowing expandability with future products.			
The mini-dome camera must have no less than a 180° horizontal and 90° vertical field of view.			
The mini-dome camera must use a progressive scan high resolution CMOS image sensor no less than 4 mega pixels.			
The mini-dome camera must be capable of a minimum of 1080P (1920x1080) video recording at 30fps.			
The mini-dome camera must be water and dust resistant (rated IP 69K under IEC standard EN 60529).			
The mini-dome camera must be no larger than 2.08" in Diameter and 1.56" in Height.			
The viewing software shall be included in the system price at no extra charge.			
The viewing software must have a timeline to show the times of recordings for up to 16 cameras.			
The viewing software must allow the playback of up to 9 camera views simultaneously.			

The viewing software must allow the user to select the audio track independent from the video viewing mode.			
The viewing software must allow playback of video in a 1 camera, 2 camera, 4 camera, or 9 camera modes.			
The viewing software must display Vehicle Unit ID, time, date, event triggers, GPS information and speed.			
The viewing software must display the video files time, date and vehicle ID.			
The viewing software must display the date, time, vehicle ID of each event trigger.			
The viewing software must allow the fast forward playback up to 16X normal playback speed.			
The viewing software must allow the slow motion playback of video as slow as 1/8 of normal playback speed.			
The viewing software must allow the capture of a still image at any point in a video.			
The viewing software must have a button to copy the currently viewed video to the computer with a single click.			
The viewing software must have a function to allow a user to shorten a video file to a user defined length before saving.			
The viewing software must have a button to allow multiple selected video files to be copied to the computer with a single click.			

The viewing software must allow a still image to be saved as a JPEG file.			
The viewing software must allow a report to be generated and printed including selected camera images along with integrated GPS map.			
The viewing software must allow the selection of a single day of video and the playback of all videos consecutively from that selected day.			
The viewing software must allow the selection of a particular day of video from a drop down list that includes all days of video that are recorded.			
The viewing software must allow the search for video by a specific date and time.			
The viewing software must allow video to be played from a timeline for a selected day.			
The viewing software must allow the selection of individual channels of available audio.			
The viewing software must allow the playback of video with the GPS Map of the vehicle location integrated with the video with a properly connected internet connection.			
The viewing software must allow the user to skip through a day of video in preprogrammed increments.			
The viewing software must allow the user to skip within each clip to the desired frame.			
The viewing software must allow video playback in a full-screen mode with controls.			

The viewing software must allow a single camera view to be selected from a quad view and then video playback in a full-screen mode with controls.			
The viewing software must allow the viewing of all Alarm Video for a selected day.			
The viewing software must operate on Microsoft Windows XP, Vista, 7, 8 and 10.			
The viewing software must be able to automatically connect to the internet and check for updates and notify the user when available.			
The viewing software must be capable of playback of video files from the DR-200, DVR-704, DVR-808, and DVR-906 System's from PRO-VISION.			
The system must be warranted for no less than 5 years.			
The included SD Card must have a lifetime warranty.			
The system cables must have a lifetime warranty.			
The recording unit must include unlimited lifetime access to toll free customer support by the system manufacturer.			
Technical Support must be provided over the phone at no charge.			
Customer service, technical support, warranty claim and repair facilities must be located in the United States			

OPTIONAL SPECIFICATIONS			
If your unit has this ability, please spec as an optional price			
The system must have the ability to utilize the ECB Enhanced Connectivity Bundle for video transfer over WiFi or cellular			
The automatic file transfer software must be able to operate on Windows 7, 8, 10, Server 2008, and Server 2012.			
The automatic file transfer software must run as a Windows Service to allow downloads to occur even when user is not logged in.			
The automatic file transfer software must be capable of transferring files to a local storage disk or to a network storage location.			
Must include system health monitoring.			
The automatic file transfer software must log events for each DVR during each of the following situations: Connected, Disconnected, Transfer Complete, and Request Complete.			
The automatic file transfer software must maintain a log of all software functions to verify operation and allow simple troubleshooting if necessary.			
The automatic file transfer software must be capable of downloading video files from the DR-200, DVR-704, DVR-808, and DVR-906 System's from PRO-VISION.			

**Company Name:**\_\_\_\_\_

## BID SHEET

**Complete Cost for Installing and Operating 11 Camera Systems**

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**Optional Specifications Price**

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Notes/Comments

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

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

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Signature

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Date