

# Trenton Special School District

## Request for Proposals for IP Camera System

Project Description: Replace current analog camera system with an updated IP based camera system

Location: Trenton Elementary School

Address: 811 South College Street, Trenton, TN 38382

Trenton Special School District requests proposals for an IP based camera system including, but not limited to, IP Cameras, NVR, switches, installation, configuration and warranty options.

Vendors shall provide all materials and labor listed and all other necessary products and services to complete the project. Project work schedule to be agreed upon by district and may include after school hours as to minimize disruption.

### Submission Requirements

- Business License
- Contractor license
- Alarm License
- ORI number - Employee background check compliance documentation
- Qualifications and references
- Project Summary
- Detailed product description and services cost – line item breakdown
- Installation, warranty and licensing cost – options for multiyear warranty and licensing
- Timeline for project beginning and completion
- Proposals may be submitted via email by bid closing date and time to Jon Michael Lee [jonmichael.lee@trentonssd.org](mailto:jonmichael.lee@trentonssd.org) with subject line “TES IP Camera Project”

### Cameras

- Cameras provided will total 47 with 15 outside and 32 inside
- 3 MP minimum/Color/IP66/IR/4mm minimum/vandal proof
- Secure dome inside. Weatherproof dome or bullet style outside. Drop ceiling or wall mount.
- Exterior walls will need to be penetrated to provide cable access to external cameras. Exterior wall penetrations must be sealed with appropriate weather sealant. Exterior cable shall be concealed behind camera or in protective conduit.
- Camera installation location, mount position and view to be discussed and agreed upon by district
- Cable for cameras has already been run and staged in general camera position area
- Removal of old analog cameras, brackets and complete removal of old analog coaxial cable from end to end is required. Cable is required to be completely removed from camera to DVR. Proper disposal of cable is also required.
- Holes in block structure of building left behind by camera/bracket removal shall be filled with a weather proof sealant
- 1 year minimum camera hardware warranty. Options may be provided.
- Please provide technical support offerings and details for cameras
- All installation, positioning and testing should be included

### NVR & Software

- Network video recorder to accommodate 47 cameras
- 64 channels
- Recorder will provide access for viewing and recording from within the local network as well as remotely

- NVR outputs to provide live view monitoring
- 48 TB Storage – SATA
- 21 to 30 day stored video retention – video quality, frame rates, recording hours, stream type and other possible factors will be taken into consideration
- RAID 0,1,5,10 capable
- Minimum 2 x Gigabit network interfaces
- All licensing included - minimum 3 years
- NVR hardware warranty options – 3 years
- Software licensing to be included – options for multiyear licensing to be included
- Software functionality and ease of use to be considered
- Live view and recorded video playback from mobile devices on and off site
- Please provide technical support offerings and details for NVR and software
- Price should include installation, configuration and training

#### Live view monitors

- 55" flat panel monitor – mount and installation – Quantity 1
- HDMI connection from NVR to vendor installed TV monitor
- HDMI connection from NVR to existing TV
- HDMI splitter if necessary
- Approximately 75 to 100 ft. from NVR to TV monitors
- All materials, installation and testing included

#### Switches

- HP 2920 – 24 port – Gigabit – POE+ - J9727A
- Quantity 5
- Do not include installation and configuration

#### Pricing and Award

Pricing will be most heavily weighted factor for award, but not the only consideration. Vendor experience, products quoted, references are among a few of the other factors to be considered. Bid will be all inclusive with all costs included to complete the project.

TSSD reserves the right to reject an incomplete bid if requested information is not included. TSSD reserves the right to reject any proposal at their discretion. TSSD is not required to accept the lowest priced proposal. This specification list is not to be considered an all-encompassing list of items needed as systems will differ. However, proposals shall include everything needed to carry out the project to completion. Awarded vendor shall uphold and deliver on all requirements included in this document.

A walkthrough may be requested by the vendor during the open bid period to familiarize the vendor with the environment. A floor plan map with cable drop locations will be available. A system demo from most competitive vendors may be requested by customer.

Any questions should be sent to Jon Michael Lee at [jonmichael.lee@trentonssd.org](mailto:jonmichael.lee@trentonssd.org).

Proposals may be submitted via email to Jon Michael Lee at [jonmichael.lee@trentonssd.org](mailto:jonmichael.lee@trentonssd.org) with subject line "TES IP Camera Project". Proposals are due April 24, 2018 at 5:00 CST