Staff Report

Subject: Effingham County Prison CCTV Upgrade Proposal
Author: Noel Webb
Department: Information Technology
Meeting Date: 03/18/2025
Item Description: Approval of proposal for upgrading the CCTV security system at Effingham County Prison.

Summary Recommendation:

Staff recommends approval of the proposed CCTV security system upgrade at Effingham County Prison, which will integrate with the existing surveillance infrastructure used by the Effingham County Sheriff's Office and Jail.

Executive Summary:

Effingham County Prison seeks to enhance its security infrastructure by upgrading its existing CCTV surveillance system to an advanced Avigilon solution. This upgrade will provide enhanced monitoring, eliminate blind spots, and integrate AI-powered video analytics to improve safety and operational efficiency.

scDataCom, a certified Avigilon partner, has submitted a proposal outlining the implementation of a state-of-the-art security system. The new system will seamlessly tie into the existing Avigilon surveillance system used by the Effingham County Sheriff's Office and Jail, ensuring county-wide compatibility and centralized monitoring capabilities.

The total cost of the project is $156,972, with an optional preventative maintenance and software support agreement priced at $18,551 per year, beginning after the first year of service. This agreement includes routine system inspections, software updates, and ongoing technical support to maintain optimal system performance.

This project aligns with the County's ongoing efforts to modernize security infrastructure, reduce vulnerabilities, and provide a safer environment for inmates, staff, and the public.

Background:

Effingham County Prison requires a modern surveillance system to address security vulnerabilities. The current system is outdated and lacks necessary features such as motion detection analytics, real-time monitoring capabilities, and comprehensive coverage of critical areas.

The proposed upgrade includes:

- **Integration with Existing Sheriff's Office & Jail System:** The upgraded CCTV system will operate in coordination with the Sheriff's Office and Jail's Avigilon network, ensuring seamless access to shared surveillance data.

- **Installation of Avigilon Cameras:** High-definition, anti-ligature, fisheye, and multi-sensor cameras covering all sensitive areas.

- **Network Infrastructure Upgrades:** New fiber optic and Cat 6 cabling for improved data transmission.

- **Centralized Storage and Monitoring:** Avigilon NVR6 server and dedicated workstations for real-time video access.

- **Enhanced Security Features:** AI-based motion detection, facial recognition, and proactive threat identification.

scDataCom has successfully completed similar projects for government facilities, including the Effingham County Sheriff's Office, Coastal State Prison, and the VA Medical Center.

Alternatives for Consideration:

1. Approve the proposal for the CCTV security system upgrade, ensuring integration with the Sheriff's Office and Jail surveillance system.

2. Do not approve the proposal, keeping the current outdated system.

3. Request modifications to the proposal before approval.

Recommended Alternative:

Staff recommends Alternative 1 - approving the proposal to enhance security and monitoring capabilities at Effingham County Prison while integrating with the Sheriff's Office and Jail surveillance system.

Department Review:

- Information Technology

- Prison Warden

- Effingham County Sheriff's Office

- County Manager

Funding Source:

The project cost of $156,972 will be funded through the SPLOST Bond.

The optional preventative maintenance and software support agreement, which begins after the first year of service, will require an annual budget allocation starting at $18,551.

Attachments:

1. Effingham Prison CCTV Upgrade.pdf