



CITY COMMISSION STAFF REPORT

DEPARTMENT: Law Enforcement, Captain De Giovanni

SUBJECT: Motion to approve smart camera equipment (ARPA) – **Captain De Giovanni**

BACKGROUND OF ITEM:

The City of Cooper City approved the conceptual idea of investing into a city-wide public safety technology plan. This plan included a smart camera project, where strategically placed camera systems would be installed at key governmental facilities and parks. The system would incorporate modern, high-end H4 multisensor cameras with self-learning video analytics on all sensors, providing a maximum 360° span of coverage. In addition, the H4 multisensor cameras will be point-to-zoom (PTZ) and include infrared (IR) capabilities. In brief, these cameras are able to learn the surrounding environment, such as typical behaviors and patterns for the area, day and night, and send real-time alerts of occurrences that are abnormal. This functionality is able to be tied into a Real-Time-Crime-Center (RTCC) to provide actionable field information to on-duty law enforcement personnel; thereby, enhancing the public safety response times, case solvability, and crime prevention efforts through investment in technology; all of which are noted as objectives in the city's proposed strategic plan.¹

The cameras will be tied into a 4th generation 24 TB (parks), or enhanced 4th gen 24TB (city hall / rec center), Avigilon Network Video Recorder (NVR) to ensure maximum operability and data storage. The proposal includes smart camera systems installed at the following sites (exterior):

- City Hall / Memorial Park
- Community Recreation Center
- Sullen Fardelmann Park²
- Flamingo West Park

¹ Cooper City Strategic Plan 2022-2027: Priority / Strategic Goal #2, Proactive Public Safety, pg. 10.

² The system at Sullen Fardelmann will benefit greatly from upgrading the Wi-Fi capability at the park. The IT Director coordinated a site survey and found the best option was for Comcast to bring service capabilities into the park, which would result in a one-time construction cost of \$14,038.46. In addition, the recurring internet cost at the location would increase to \$239.90 a month, which is approx. \$140 increase. However, the internet upgrade at the location was already a future project. More information will be forthcoming.

The span-of-coverage will include the parking lots and surrounding areas; locations where crimes such as burglaries and criminal mischiefs occur. The ability to cover these areas not only have real-time benefits, but it also supports the investigative effort in the event a crime does occur. For example, since 2020 there have been a total of (31) various crimes and incidents at the proposed locations where cameras may have assisted in the investigation. The camera systems, if connected to a RTCC, will aid law enforcement with monitoring city events, where people congregate, to scan the environment for potential threats and safety concerns, providing opportunity to address them before they manifest.

In addition, it is recommended to add a multi-sensor camera with IR at each of the previously approved ALPR site locations. This will assist with live-monitoring of traffic conditions, criminal investigations, and vehicle identification in relation to ALPR hits.

FISCAL IMPACT:

Vetted Security Solutions (VSS) has provided the proposed quotes, totaling \$260,750.44. This total would bring this portion of the project significantly under budget.

VSS works with Millenium Products Inc. to provide all equipment through a GSA, federal supply contract (#GS-07F-0031W). The GSA Schedule [also referred to as Multiple Award Schedule (MAS) and Federal Supply Schedule] is a long-term government-wide contract with commercial firms providing federal, state, and local government buyers access to commercial products and services at volume discount pricing. It is a cooperative purchasing contract, allowing state and local governments to benefit from the federal rates.

<u>General Ledger Acct. Number</u>	<u>Budgeted Amount</u>	<u>Requested Amount</u>	<u>Remaining Amount</u>
ARPA	\$278,089.27	\$260,750.44	\$17,338.83

ATTACHMENTS:

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1. Millenium GSA Quote #Q4127_City Hall CCTV
2. Millenium GSA Quote #Q4128_Community Center CCTV
3. Millenium GSA Quote #Q4152_Suellen Fardelmann Park
4. Millenium GSA Quote #Q4151_CCTV West Flamingo Park
5. Millenium GSA Quote - Q4240_Multisensors-ALPR Locations
6. <https://milleniumproducts.net/gsa-info/>
7. H4 Multisensor Camera Datasheet
8. NVR Series 4 Datasheet
9. Contract: GS-07F-0031W-M0090_92-FSS-Pricelist
10. Crime Analysis for Camera Proposal (Jan 1st 2020 - Dec 15th 2021)
11. GSA Awarded Contract
12. GSA Contract – Vendor’s Terms
13. Cooper City Vendor Compliance