



CITY COMMISSION STAFF REPORT

DEPARTMENT: Administration

SUBJECT: Motion to approve R.T.C.C. Buildout (ARPA) – **Administration**

BACKGROUND OF ITEM:

The City of Cooper City approved the conceptual idea of investing into a city-wide public safety technology plan.¹ The city has already approved and funded the first two phases of that four phased plan, which was the proposed ALPRS and Smart Camera systems and platforms / equipment. The third phase was the proposal of funding the buildout of a local Real-Time-Crime-Center (RTCC), where we could integrate the city's ALPRs, smart cameras, surveillance platforms, live FDOT cams, schools and so forth into one centrally-based monitoring hub.

In the past couple of decades, there has been a large increase of available technologies, databases, and analytic tools available to the law enforcement community. While the advancements have been helpful in preventing and combating crime, it has also presented a number of challenges; most of which are tied to a lack of integration and compatibility between systems, but also the difficulty of monitoring numerous programs simultaneously while performing field and patrol operations. Further, it has become a struggle with the number of systems utilized in daily operations to filter out critically important information, as opposed to that which may warrant attention later on (i.e. real-time value vs. historical value). The ability to quickly sift through analytical tools and data, identify mission critical information, and then timely provide that Intel to on-duty deputies, detectives, and field commanders, is of vital importance.

The purpose, therefore, of the RTCC would be to centralize and integrate current and evolving technologies into a highly interactive video wall in order to more effectively and efficiently coordinate the public safety response, to include traffic management. The video wall would be powered by Hiperwall, which would allow the law enforcement team to keep critical information about ongoing events before them in a highly customizable and user-friendly way.

A video wall combines information from a wide array of sources, such as: video feeds, sensors, alarms, crime databases, news feeds and social media. This display of cameras, reporting dashboards, and analytics tools in one location helps the law enforcement team to create a real-time dashboard, where operators can better visualize and predict crime patterns, monitor ongoing incidents, and process important data to assist and coordinate the public safety response. In

¹ The public safety technology plan was incorporated into the overall commission-approved ARPA projects at the October 26, 2021 commission meeting under “service enhancements and efficiencies”.

addition, the Hiperwall software is fully customizable, which provides much needed flexibility to create and recreate new visuals and dashboards to better address evolving and emerging crime trends, while leveraging all the current technologies and systems already in place.

In summary, the RTCC will maximize the likelihood that law enforcement can respond to crimes occurring in real-time and do so effectively, while simultaneously providing a historical information hub that will aid in future crime prevention and investigation efforts. The RTCC may also be utilized to help address traffic management and large-scale community or city events. Lastly, it is important to note that this project is in line with the city's five year strategic plan, as it pertains to proactive public safety, and will help to meet key objectives within that plan.²

The proposal is to build the Cooper City Real-Time-Crime Center in the former records room, which would provide adequate and ideal space, as it is both near the district's dispatch center and server rooms. The buildout includes the entire project from start to finish except the furnishings: permitting, design, and construction; hardware and required software, to include installation and programming; the Hiperwall, licensing and associated accessories / install; and services.³ In short, the approval of this proposal will provide Cooper City with a fully functioning RTCC.

In addition to the main hub, a secondary feed and Hiperwall is included in this proposal / price for the dispatch room, and a command board / center in the administrative office. The secondary feed allows the city to benefit from real-time monitoring 24/7 by capitalizing on the currently established staffing levels, while the command feed equips the public safety command staff with a fully dedicated and functional EOC and command and control center room that interacts with the RTCC.

² The RTCC has a direct impact on several key objectives of the proactive public safety priority, such as: (1) law enforcement response times may be improved through real-time monitoring; (2) it is an investment into technology to enhance public safety services; (3) RTCC's can help to reduce crime, as indicated in a recent report by the Charlotte PD and RAND; and (4) the RTCC integration, which will include strategically placed cameras and incorporation of county and FDOT feeds, directly impacts traffic monitoring and management.

³ The RTCC furnishings are being presented in a separate but companion proposal.

FISCAL IMPACT:


Vetted Security Solutions (VSS) has provided the proposed quote, totaling \$266,668.28. This total would bring this portion of the project significantly under budget. It is important to note that this project cost is to fully buildout and own the RTCC; there are no recurring costs to this proposal.

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>
110-160-564320-519-RTCC1 (ARPA) - Buildout	\$320,000	\$266,668.28	\$53,331.72
110-160-564320-519-RTCC1 (ARPA) - Furnishings	\$320,000	\$19,292.34	\$34,039.38

ATTACHMENTS:

1. **Millenium GSA Quote #Q4399_Cooper City RTCC Buildout**
2. <https://milleniumproducts.net/gsa-info/>
3. **Contract_GS-07F-0031W-M0100-FSS-Pricelist-12-02-2021**
4. **Millenium - Capabilities Statement-rev2022**
5. **Cooper City RTCC 2D-3D Rendering**
6. **Hiperwall Product Brochure 2021**
7. [Video Wall System | Video Wall | Hiperwall](#)
8. [Hiperwall Software Demo | Video Wall Software - YouTube](#)

Workflow History 			
User	Task	Action	Date/Time
Allen, Tedra	NEW ITEM: Not Yet Routed	*COMPLETE: Forwar...	04/14/22 08:35 AM
Horowitz, Jacob	Assigned to Attorney	COMPLETE: Forwar...	04/14/22 05:08 PM
Napoli, Joseph	Assigned to City Manager	COMPLETE: Forwar...	04/15/22 11:58 AM
Allen, Tedra	Assigned to City Clerk	APPROVE ITEM: En...	04/15/22 04:19 PM
Allen, Tedra	END WORKFLOW - APPROV...		04/15/22 04:23 PM