



Budget Engagement Commission

City of Arts & Innovation

TO: HONORABLE COMMISSIONERS **DATE: MAY 9, 2024**

FROM: RIVERSIDE POLICE DEPARTMENT **WARDS: ALL**

SUBJECT: MEASURE Z - ALLOCATION IN AN AMOUNT ESTIMATED UP TO \$200,000 IN FISCAL YEAR 2024/25 AND \$175,000 ANNUALLY THEREAFTER FOR IMPLEMENTATION OF A REAL TIME CRIME CENTER

ISSUE:

Discuss and recommend that the City Council approve an allocation of Measure Z Funds in an amount estimated up to \$200,000 in fiscal year 2024/25 and \$175,000 annually thereafter for the implementation of a Real Time Crime Center.

RECOMMENDATIONS:

That the Budget Engagement Commission:

1. Discuss the allocation of Measure Z Funds in an amount estimated up to \$200,000 in fiscal year 2024/25 and \$175,000 annually thereafter for the implementation of a Real Time Crime Center; and
2. Recommend the City Council approve the allocation of Measure Z Funds in an amount up to \$200,000 in fiscal year 2024/25 and \$175,000 annually thereafter for the implementation of a Real Time Crime Center.

BACKGROUND:

A Real Time Crime Center (RTCC) is where an agency combines public safety best practices with state-of-the-art artificial intelligence technology to protect and increase the security of its community. RTCCs got their start in the aftermath of the 9/11 tragedy with the need increasing after the Boston Marathon incident. Large gaps in video sharing and labor-intensive analysis were hindering response and intelligence, therefore RTCCs at centralized locations were born.

RTCCs were Initially designed as centralized and integrated video surveillance units where public safety staff would physically sit and comb through massive amounts of video footage. They had to leverage multiple existing technology platforms and quickly layer available publicly and privately shared surveillance footage in order to provide the necessary intelligence to onsite emergency responders.

Twenty years later, technology has become significantly more advanced and RTCCs can now use artificial intelligence to pull specific and relevant video footage from multiple platforms for real time video surveillance and analysis with a single access point for users. The RTCCs capabilities will assist Police Officers, Detectives, Crime Analysts, and Dispatchers with investigations and save time by allowing them to immediately access multiple cameras from a single access point. It will also aid Patrol Officers providing emergency response as they will be able to instantly access real time and relevant video footage in the field to prepare for a safe and successful incident outcome.

The City currently owns and operates approximately 1200 cameras costing an average of \$5,000 per camera with increasing needs to expand the system. In addition, the State of California requires by law that the City retain all routine surveillance footage for 12 months. The cost associated with the operation, maintenance, and replacement of the cameras and required storage continues to increase over time.

Emerging RTCC Software programs use innovative technology to accept proprietary video footage from City owned cameras, non-City owned cameras and privately owned cameras only when a business owner or resident chooses to “opt-in” to the program. The ability of these software programs to access camera footage from existing cameras on various platforms will minimize the cost associated with the development of the City’s communication network and the ongoing maintenance of additional City owned cameras. There would also be no additional cost to the City associated with video retention because additional cameras utilized by the RTCC software programs are not City owned, operated or maintained.

DISCUSSION:

Today, RTCCs can be found across the nation and are able to centralize various technologies, coordinate personnel and direct resources to active crimes in progress and large-scale or high-profile public events that might require a police presence.

RTCC technology is fully customizable to the needs of the City but at its core is comprised of 2 key components:

Equipment:

The physical requirements of an RTCC must be considered. The Riverside Police Department (RPD) has various existing video monitoring platforms. For initial implementation, the Department will use its current configuration for its existing platforms to transition to the RTCC model. RTCC software will allow RPD to transition from viewing video footage from multiple access points with a limited number of cameras to being able to view video footage from a single access point with an expanded number of cameras. Very little equipment will be required by the Department for the implementation and the vendor will be expected to provide some of the equipment necessary to make the initial transition.

However, because certain RTCC software is scalable, it allows for future expansion into a much more robust system to meet the Departments growing needs. Future needs may include computers, monitors or televisions, and revised desk configurations among other minor equipment and supplies.

Real Time Crime Center Software System:

RTCC software brings together existing technologies into a single access point or centralized location:

- Mapping: Visualizing events, alerts, and video footage geospatially on maps and dashboards accelerates response coordination. Operators can clearly see relationships and clusters of activity.
- 9-1-1 or Computer-Aided Dispatch (CAD) systems integration with City owned and privately shared video surveillance systems: mapping calls in real-time and viewing live video feeds in the area as incidents unfold.
- City owned IP Cameras: A network of high-resolution fixed and pan-tilt-zoom (PTZ) cameras provides 24/7 live monitoring and recording capabilities. Camera networks can give situational awareness across all city areas, including transit hubs, event venues, shopping districts, and other hot spots.
- Private cameras where residents and businesses opt-in to participate in the City's real time crime center.

The success of the program lies in the partnerships. Riverside Police Department (RPD) would seek to launch a public-private partnership program where business owners and residents could opt-in to share feeds from their privately owned security cameras while maintaining full control of when and what type of video is shared.

RTCCs have proven to provide quicker response times, enhanced situational awareness and safety of police officers in the field. They help maintain better operational command, improve emergency response capabilities, allow officers to stop crimes in progress, help to lower crime rates, allow for swift apprehension of suspects, and improve the overall sense of safety within the community.

Based on informal bids and market data, software needs will cost the City approximately \$200,000 in the first year and up to about \$175,000 every year thereafter beginning in year two. The additional \$25,000 in year one would be used for one-time implementation costs associated with the transition to the RTCC and other unknown costs associated with transitioning to a new program.

STRATEGIC PLAN ALIGNMENT:

This item contributes to **Strategic Priority 2 - Community Well-Being** and Goal 2.4 – Support programs and innovations that enhance community safety, encourage neighborhood engagement, and build public trust.

This item aligns with each of the five Cross-Cutting Threads as follows:

1. **Community Trust** – The Riverside Police Department is dedicated to improving quality of life by creating a safe environment in partnership with the people it serves. RPD's ability to utilize current Real Time Crime Center technology serves the public interest, benefits the City's diverse population, and results in the greater public good.

2. **Equity** – RPD provides public safety services to all residents in the City of Riverside. Current Real Time Crime Center technology is a valuable tool that will assist the Police Department in the achievement of this goal and ensures safer streets for everyone.
3. **Fiscal Responsibility** – The Police Department is requesting to use Measure Z funding for the proposed Real Time Crime Center implementation. The estimated cost of the current Real Time Crime Center technology is minimal when compared to establishing a centralized unit at a physical location.
4. **Innovation** – RPD must constantly evolve and adapt to meet the community's changing needs and prepare for the future. The proposed purchase of current Real Time Crime Center technology is innovative and will assist the Department in solving crimes through the use artificial intelligence to pull specific and relevant video footage from multiple platforms for real time video surveillance and analysis with a single access point for users.
5. **Sustainability & Resiliency** – The estimated cost of the current Real Time Crime Center technology is minimal when compared to establishing a centralized unit at a physical location and will save on staff time. This will provide the Department with the capacity to preserve, adapt, and grow with the needs of the community.

FISCAL IMPACT:

The Fiscal Impact to the City is estimated to be up to \$200,000 in fiscal year (FY) 2024/25 and then \$175,000 annually thereafter if approved. Based on the proposed FY 2024-2026 Biennial Budget, there are sufficient funds in the Measure Z Spending Plan to support these allocations.

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Attachment: Presentation