



*City of Arts & Innovation*

# City Council Memorandum

**TO: HONORABLE MAYOR AND CITY COUNCIL**      **DATE: OCTOBER 16, 2018**  
**FROM: POLICE DEPARTMENT**      **WARDS: ALL**  
**SUBJECT: ACQUISITION OF AN AUGMENTED REALITY MAPPING SYSTEM MISSION COMPUTER IN ACCORDANCE WITH PURCHASING RESOLUTION NO. 23256, SECTION 602(c) IN THE AMOUNT OF \$128,977.50**

## **ISSUE:**

Approve the purchase of an Augmented Reality Mapping System (ATOM) Mission Computer from Churchill Navigation of Boulder, Colorado, in the amount of \$128,977.50, in accordance with Purchasing Resolution No. 23256, Section 602(c).

## **RECOMMENDATION:**

That the City Council approve the purchase of an Augmented Reality Mapping System (ATOM) Mission Computer from Churchill Navigation of Boulder, Colorado in accordance with Purchasing Resolution No. 23256, Section 602(c) in the amount of \$128,977.50.

## **BACKGROUND:**

On December 13, 2016, the City Council accepted the 2017 Urban Areas Security Initiative (UASI) Grant award from the United States Department of Homeland Security in the amount of \$2,369,600. The Riverside Police Department (RPD) would like to use a portion of the UASI Grant to obtain an Augmented Reality Mapping System (ATOM) Mission Computer on helicopter N911RP.

As the largest city in the Riverside UASI region, it requires many RPD resources to monitor the City's 81.5 square miles. An ATOM Mission Computer installed in helicopter N911RP will assist RPD by providing real-time aerial video enhanced by GPS mapping overlays. The system will also provide critical information about the area including street names, addresses, incorporation of parcel information, business names, and distance to target.

## **DISCUSSION:**

RPD is seeking to purchase a Churchill Augmented Reality Mapping System (ATOM) Mission Computer in the amount of \$128,977.50 in accordance with Purchasing Resolution No. 23256, Sections 602(c) which allows for exceptions to the competitive procurement process when procurement can only be obtained from a sole source or timely from single source.

Churchill Navigation is the sole source designer, manufacturer, and supplier of the ATOM Mission Computer. Due to the proprietary nature of the equipment involved, no other companies exist that are able to provide a critical infrastructure monitoring system capable of receiving and displaying the downlink transmissions from currently equipped helicopters. The integration and interface of the existing cameras have been tested and would be included in the ATOM Mission Computer software.

The Purchasing Manager concurs that the recommended action is in compliance with Purchasing Resolution No. 23256.

**FISCAL IMPACT:**

The total fiscal impact of the action is \$128,977.50. Sufficient Funds from the UASI Grant are designated in account no. 9161410-440452.

Prepared by:	Sergio G. Diaz, Chief of Police
Certified as to	
availability of funds:	Edward Enriquez, Acting Chief Financial Officer/City Treasurer
Approved by:	Lea Deesing, Assistant City Manager
Approved as to form:	Gary G. Geuss, City Attorney