



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: NOVEMBER 13, 2018

FROM: POLICE DEPARTMENT WARDS: ALL

**SUBJECT: PROFESSIONAL CONSULTANT SERVICES AGREEMENT FOR THE
INSTALLATION OF AN AUGMENTED REALITY MAPPING SYSTEM MISSION
COMPUTER AND OTHER COMPONENTS WITH HANGAR ONE AVIONICS, INC.
IN ACCORDANCE WITH PURCHASING RESOLUTION NO. 23256, SECTION
702(c), IN THE AMOUNT OF \$89,660.37**

ISSUE:

Approve the Professional Consultant Services Agreement for the installation of an ATOM Mission Computer, FLIR 380HDc Camera system, MacroBlue Monitor and Video Downlink equipment with Hangar One Avionics, Inc. from Carlsbad, California, in accordance with Purchasing Resolution No. 23256, Section 702(c) in the amount of \$89,660.37

RECOMMENDATION:

That the City Council:

1. Approve the Professional Consultant Services Agreement for the installation of an ATOM Mission Computer, FLIR 380HDc Camera system, MacroBlue Monitor and Video Downlink equipment with Hangar One Avionics, Inc. from Carlsbad, California, in accordance with Purchasing Resolution No. 23256, Section 702(c) in the amount of \$89,660.37; and
2. Authorize the City Manager, or his designee, to execute the necessary contract documents.

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. A portion of this grant will be used by the Riverside Police Department (RPD) to obtain and install 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.

On October 16, 2018, the City Council approved 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) to be installed on Police Helicopter N911RP.

DISCUSSION:

RPD is now seeking to contract with Hangar One Avionics, Inc. for the installation of the ATOM and other components to include FLIR 380HDc Camera system, MacroBlue Monitor and Video Downlink equipment on helicopter N911RP.

Due to the highly specialized and technical nature of the equipment and systems that are to be installed on the City's helicopter, staff has found that in many cases there is only a single authorized vendor in the Southern California area that is qualified or authorized to provide this particular installation service. Resolution 23256, Section 702(c), provides that competitive procurement is not required when the procurement can only be obtained from a sole source or timely from a single source and the manager is satisfied that the best price, terms, and conditions for the procurement thereof have been negotiated. In this case, Hangar One Avionics, Inc. is the only source with sufficient technical knowledge and experience to install the FLIR 380HDc Camera System, MacroBlue Monitor, Video Downlink equipment, and the ATOM Mission Computer software onto the City's helicopters.

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 \$89,660.37. Funding in the amount of \$83,129.87 is available in Police Helicopter Maintenance and Repair Account No. 3120000-424210, with the remaining amount of \$6,530.50 available in UASI Grant Account No. 9161410861-44045200.

Prepared by: Sergio G. Diaz, Chief of Police

Certified as to

availability of funds: Edward Enriquez, Interim Chief Financial Officer/City Treasurer

Approved by: Lea Deesing, Assistant City Manager

Approved as to form: Gary G. Geuss, City Attorney

Attachment: Professional Consultant Services Agreement with Hangar One Avionics