



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: SEPTEMBER 5, 2017

FROM: POLICE DEPARTMENT WARDS: ALL

SUBJECT: RIVERSIDE COUNTY TRANSPORTATION COMMISSION PROPOSITION 1B, CALIFORNIA TRANSIT SECURITY GRANT PROGRAMS-CALIFORNIA TRANSIT ASSISTANCE FUNDS MEMORANDUM OF UNDERSTANDING AND COOPERATIVE AGREEMENT WITH THE CITY OF RIVERSIDE POLICE DEPARTMENT FOR HELICOPTER BASED AERIAL THERMAL IMAGING SENSOR CAMERA; RECEIVE GRANT FUNDS IN THE AMOUNT OF \$244,637; AUTHORIZE THE USE OF CITY OWNED FLIR EQUIPMENT FOR TRADE IN AND PURCHASE VALUE IN THE AMOUNT OF \$185,000; PURCHASE OF A NEW FLIR 380 HDC AERIAL THERMAL IMAGING SENSOR CAMERA IN ACCORDANCE WITH PURCHASING RESOLUTION 22576, SECTION 201 (D) WITH FLIR SURVEILLANCE, INC., IN THE AMOUNT OF \$396,542.74 – SUPPLEMENTAL APPROPRIATION

ISSUES:

Approve the Riverside County Transportation Commission Proposition 1B, California Transit Security Grant Programs-California Transit Assistance Funds Memorandum of Understanding and Cooperative Agreement with the City of Riverside Police Department for a FLIR 380 HDC helicopter based aerial thermal imaging sensor camera, accept grant funding in the amount of \$244,637 from Riverside County Transportation Commission for this purchase, authorize the use of City owned FLIR cameras for trade in and cash values in the amount of \$185,000, and authorize the purchase of the aerial thermal imaging sensor camera in accordance with Purchasing Resolution 22576, Section 201 (d), in the amount of \$396,542.74.

RECOMMENDATIONS:

That the City Council:

1. Approve the Riverside County Transportation Commission Proposition 1B, California Transit Security Grant Programs-California Transit Assistance Funds Memorandum of Understanding and Cooperative Agreement with the City of Riverside Police Department for a helicopter based aerial thermal imaging sensor camera;
2. Accept the California Proposition 1B California Transit Security Grant Program-California Transits Assistance Funds through the Riverside County Transportation Commission, in the amount of \$244,637;

3. Authorize an increase in revenues in the amount of \$244,637 and appropriate expenditures in the same amount to a project account as assigned by the Finance Department for the Riverside County Transportation Commission grant funds;
4. Authorize the Police Department to use the City owned SAFIRE 230HD FLIR camera for a trade in value of \$150,000, to reduce the cost of the new camera;
5. Authorize the Police Department to use two FLIR 8500 cameras and one FLIR 230 camera for a trade in value of \$35,000, to be applied towards the purchase of the new camera,
6. Authorize the purchase of the aerial thermal imaging sensor camera with FLIR Surveillance, Inc. in accordance with Purchasing Resolution 22576, Section 201 (d) in the amount of \$396,542.74, price including the trade in value of \$150,000 for the City owned SAFIRE 230HD FLIR camera;
7. Authorize the City Manager, or his designee, to execute the Riverside County Transportation Commission Proposition 1B, California Transit Security Grant Programs-California Transit Assistance Funds Memorandum of Understanding and Cooperative Agreement with the City of Riverside Police Department, including making minor and non-substantive changes.

BACKGROUND:

The Riverside Police Department (RPD) Aviation Unit provides aerial support for ground operations in observing, preventing and interdicting criminal activity. RPD would like to enter into an agreement with the Riverside County Transportation Commission (RCTC) to provide aerial surveillance and support to RCTC Metrolink stations and related rail lines in the cities of Riverside and Corona with the benefit of purchasing an aerial thermal imaging sensor camera. In addition, in the event of a major incident (derailment, significant accident, natural disaster, and/or terrorism), RPD will be able to provide a solid aerial command and control platform to the ground personnel via high definition video downlink capabilities of this camera.

DISCUSSION:

Due to the high costs associated with the replacement of helicopter parts, RPD has been unable to purchase a new FLIR camera. On June 27, 2017, the City of Corona donated a FLIR 8500FX Multi Sensor Imager System for the purpose of using this equipment as a trade-in to reduce the cost of a newer FLIR. This FLIR plus two other older model FLIR cameras will be used for a trade-in value of \$35,000. The RPD also owns a SAFIRE 230HD FLIR camera which will be traded in with a value of \$150,000.

The RCTC would like to partner with the RPD in purchasing the new FLIR camera. RCTC received grant funds from Proposition 1B- California Transit Security Grant Program-California Transit Assistance Funds (CTSGP-CTAF) to procure tools and security equipment for the rail stations. The project of purchasing a FLIR camera meets the grant fund eligibility and goals for RCTC. RCTC would like to partner with the RPD as this is a high priority project for RCTC. This project is an opportunity for enhanced safety and security for the region and the transportation network and will greatly benefit both agencies.

Purchasing Resolution No. 22576, Section 201 (d) provides that formal procurement is not required when the procurement consists of replacement parts for the City's vehicles, aviation units and other City Equipment. In addition, staff researched other camera systems and found that there were only two manufacturers that provided the camera capabilities that the RPD could use without overloading the helicopters. The FLIR camera was the only one that was small enough to fit in the helicopter and was less expensive. Since the helicopters currently use FLIR cameras, the RPD would also save approximately \$66,000 by avoiding the parts and rewiring/installation costs. The City's Purchasing Services Manager concurs that the requirements of the purchasing resolution have been met.

The total cost of the new FLIR 380 HDc aerial thermal imaging sensor camera is \$396,542.74 which includes the trade-in value of \$150,000 for the SAFIRE 230 HD FLIR. The trade-in values for the other three older FLIR's will result in a cash credit in the amount of \$35,000. The RCTC CTSGP-CTAF funds authorized by the attachment agreement are for \$244,637.00. The balance due of \$116,905.74 is available in the RPD Equipment Repair Parts & Service account.

Description	Amount
FLIR 380 HDc Purchase Price	\$ 514,637.00
FLIR 230 Trade-In	\$(150,000.00)
Subtotal	\$ 364,637.00
Tax	\$ 31,905.74
Equipment Total	\$ 396,542.74
FLIR 8500 (3) Trade-In	\$ 35,000.00
RCTC Grant Funds	\$ 244,637.00
RPD FY 2017/18 Budgeted Funds	\$ 116,905.74
Funding Total	\$ 396,542.74

FISCAL IMPACT:

The value of the FLIR 380 HDc is \$ 514,637. The grant amount of \$244,637 and the trade in values of \$185,000 result in a net impact to the general fund in the amount of \$116,905.74. These funds are available in Equipment Repair Parts & Service account, 312000-424210.

Prepared by: Sergio G. Diaz, Chief of Police
 Certified as to
 availability of funds: Adam Raymond, Acting Chief Financial Officer/City Treasurer
 Approved by: Alexander T. Nguyen, Assistant City Manager
 Approved as to form: Gary G. Guess, City Attorney

Attachment: Memorandum of Understanding