



# City Council Memorandum

*City of Arts & Innovation*

---

**TO: HONORABLE MAYOR AND CITY COUNCIL**                      **DATE: JANUARY 23, 2018**  
**FROM: FIRE DEPARTMENT**    **WARDS: ALL**  
**SUBJECT: MEASURE Z - PURCHASE OF THERMAL IMAGER CAMERAS FROM FISHER SCIENTIFIC CO. LLC, IN THE AMOUNT OF \$102,764.08**

**ISSUE:**

Approve the purchase of 13 thermal imager cameras from Fisher Scientific Co. LLC., in the amount of \$102,764.08.

**RECOMMENDATIONS:**

That the City Council approve the purchase of 13 thermal imager cameras from Fisher Scientific Co. LLC, in the amount of \$102,764.08.

**BACKGROUND:**

On September 26, 2017, the City Council approved the Measure Z funded purchase of 16 fire vehicles and related fire equipment necessary to outfit the vehicles, totaling \$13,241,622. The approved fire equipment includes thermal imager cameras (TICs).

**DISCUSSION:**

Thermal imager cameras (TICs) are a specialized type of thermographic camera used in firefighting. By rendering infrared radiation as visible light, such cameras allow firefighters to see areas of heat through smoke and darkness. TICs enable firefighters to quickly locate the seat of a structure fire, and spot the heat signature of a trapped victim. In addition, TICs can be used to search for victims outdoors on a cool night, spot smoldering fires inside a wall, or to detect overheating electrical wiring. The Fire Department has researched various TIC manufacturers and found that the Scott Safety X380 model offered by Fisher Scientific best meets the Fire Department's thermal imager needs.

This procurement is being issued in accordance with Purchasing Resolution 23256. The City is receiving cooperative pricing through the Houston-Galveston Area Council's (HGAC) cooperative purchasing program, called HGACBuy. The City has utilized HGACBuy previously, through the purchase of body-worn cameras for the Police Department (\$286,454) approved by the City Council December 6, 2016, and Fire vehicles (\$10,996,622), approved by the City Council on September 26, 2017.

The City's Purchasing Services Manager concurs that this procurement is in concurrence with Purchasing Resolution 23256.

**FISCAL IMPACT:**

The total cost for this procurement is \$102,764.08. The funds are available in the Measure Z Vehicle Replacement – Fire account 3510009-450058.

Prepared by: Michael D. Moore, Fire Chief  
Certified as to  
availability of funds: Adam Raymond, Chief Financial Officer/Treasurer  
Approved by: Alexander T. Nguyen, Assistant City Manager  
Approved as to form: Gary G. Geuss, City Attorney