

 <p style="text-align: center;"><b>Council</b> <b>Communication</b> Office of the City Manager</p>	<b>Date:</b>	December 19, 2016
	<b>Agenda Item No.</b>	<b>41</b>
	<b>Roll Call No.</b>	<b><u>16-2173</u></b>
	<b>Communication No.</b>	<b><u>16-704</u></b>
	<b>Submitted by:</b>	<b>John F. TeKippe, Fire Chief</b>

**AGENDA HEADING:**

Approving the purchase and acquisition of 15 Bullard Thermal Image Cameras (TICs).

**SYNOPSIS:**

Recommend approval to purchase 15 Bullard TICs utilizing their trade-in program from Heiman Fire Equipment (2320 Northwest Boulevard, Ashton, IA 51232, Jim Heiman, Owner/President).

**FISCAL IMPACT:**

Amount: \$77,683

Funding Source: FY18, C041FR99 / FR013, Adopted Capital Improvement Program Plan, Plan Year 2018, Fire Protection Improvements- page 4

**ADDITIONAL INFORMATION:**

- The Fire Department is requesting to purchase 15 Bullard TICs and equipment utilizing their trade-in program. TICs are used for numerous applications including search and rescue, fire suppression, search of hidden fires, Hazardous Materials incident mitigation, and other operations. The new TICs have upgraded technology, new batteries, and a new warranty. Bullard is offering a trade-in program that allows us to trade-in our existing TICs for new ones at a significant savings. This trade-in program requires a commitment from the Fire Department on or before December 31, 2016.
- The Fire Department currently uses Bullard Thermal Image Cameras (TICs) on every frontline suppression apparatus and both Haz-Mat teams. Their primary use is in the aid of searching for fire victims in reduced visibility atmospheres. They are able to detect heat differences through the dense smoke and allows us to see through the smoke. This is an asset for rescue situations. In addition, TICs provide the ability to determine tank levels for Haz-Mat, hidden fires during overhaul, and extreme temperatures helping firefighters to recognize deteriorating fire conditions.
- The Bullard T3X TICs meet the needs of the Fire Department better than any other available TICs. The trade-in program allows us to utilize existing charging units eliminating costly retrofitting of apparatus to fit new units. Moreover, taking advantage of the TX3 trade-in program, we will be able to acquire new TICs that are functionally identical to the Bullard TICs

already in use by the department. Use of the new TICs will be the same from the controls to the form factor, meaning training and muscle memory are already ingrained.

- Utilizing the trade in program fits and complies with our existing Thermal Image Camera system. The trade in program allows us to upgrade technology for a fraction of the cost with the added benefit of fully complying with our existing program and system. Main elements addressed as follows:
  - All frontline apparatus have charging and mounting units that are hardwired that continue to be compatible with the new TICs upon trade in and upgrade.
  - Batteries are interchangeable from existing inventory to the new TICs.
  - Our training program fully integrates from the current to the new TICs for a seamless transition.

**PREVIOUS COUNCIL ACTION(S):**

Date: September 27, 2010

Roll Call Number: [10-1567](#)

Action: [Exception](#) to procurement ordinance competitive bidding requirement for good cause with Heiman Fire Equipment (Ron Heiman, Owner) for nine (9) Thermal Imaging Cameras to be used by the Fire Department, \$75,186. ([Council Communication No. 10-568](#)) Moved by Moore to adopt. Motion Carried 6-1.

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE**

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