



## MEMORANDUM

**To:** Mayor and City Council

**From:** Kevin Richardson, Fire Chief

**Date:** November 13, 2018

**Reference:** Thermal Imaging Cameras for Self-Contained Breathing Apparatus equipment

**2030:** Sustainable City Government

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### **Introduction:**

The Fire Department is requesting to purchase Thermal Imaging Cameras TICs for each of their Self-Contained Breathing Apparatus “air packs.” TICs allow the firefighters to see images during zero visibility conditions while inside a structure. Currently, only the Captain of each crew carries one portable thermal imaging camera. The adding of TICs to each breathing apparatus unit would allow firefighters to assess the interior hazardous conditions, enhance the rescue of missing or trapped victims, and provide a safety feature for self-rescue if needed.

### **Analysis:**

The addition of a Thermal Imaging Camera on each SCBA pack would ensure firefighter safety when operating in hazardous conditions. Purchase of MSA#10175021-SP, iTIC Thermal Imager for G1 as well as iTIC Installation with software updates for each SCBA unit would be purchased from Casco Industries, Inc. under Buyboard contract No. 524-17 in the amount of \$51,450.00.

### **Legal Review:**

Agenda item did not require legal review.

### **Fiscal Impact:**

The agenda item is budgeted in FY 2018-19 account 01-04-09-2982.

### **Recommendation:**

The Fire Department recommends approval.