

AGENDA ITEM #: _____

DATE: October 3, 2016

COAC #: 16-5908

**CITY OF GOODYEAR
CITY COUNCIL ACTION FORM**

SUBJECT: Approve the purchase of Mine Safety Appliance (MSA) Self-contained Breathing Apparatus (SCBAs), Bluetooth enhancements and inventory tracking program as part of the supplemental process.

STAFF PRESENTER: Tim Wayne, Deputy Fire Chief

CASE NUMBER: N/A

OTHER PRESENTER: N/A

RECOMMENDATION:

Approve the fire department's \$789,700.68 purchase of 92 Self-Contained Breathing Apparatuses (SCBAs), Bluetooth upgrade to radios and an inventory tracking program; and authorize the City Manager or designee to execute any contracts or other necessary documentation, including budget transfers and authority, to carry out the intent of the purchases.

PURPOSE:

Finalize the purchase of 92 SCBAs, portable radio interoperability upgrades, and an inventory tracking program for the newly purchased assets and other assets within the department. This purchase was funded from the supplemental process and was spaced over the last 3 years (FY14 \$300,000, FY15 \$300,000 and FY16 \$322,000) during the supplemental request process. Council previously approved a total expenditure of \$922,000 to purchase fire department SCBAs, SCBA parts and an air compressor. The acquisition of new SCBAs was delayed so that funding could be evenly spread out over a three-year period. The fire department is requesting additional items of Bluetooth upgrade to radios and an inventory tracking system as part of the purchase. (Tim Wayne, Deputy Fire Chief)

BACKGROUND AND PREVIOUS ACTIONS:

The department's SCBAs are currently 15 years old, beyond their recommended life span and do not meet the 2013 National Fire Protection Agency (NFPA) 1981's recommendations. The air compressor was purchased in FY14 for \$71,392 and the purchase of SCBA and SCBA parts \$753,704 resulting a savings of \$96,903. The fire department is requesting to utilize the savings to upgrade radios and add an inventory tracking program in the amount of \$35,996. Upgrading portable radios with Bluetooth interoperability will extend their life by 4 years and also enhance clearer communications during emergency incidents with the Bluetooth equipped MSA G1 SCBA. Without the Bluetooth upgrade to the radios the Bluetooth capability in SCBAs will not function and communications during emergency incidents will not be as clear. Lastly, due to the cost and quantity that is associated of the new SCBA equipment the inventory tracking system is critical to ensure tracking of SCBA components when they are deployed out to the engines and ladders for the Goodyear fire department.

These items come before council as part of the final approval process. The fire department conducted an intensive evaluation process of SCBA vendors that meet current NFPA

recommendations and selected the MSA G1 SCBA. The fire department will purchase (92) SCBAs in the amount of \$753,704.55, interoperability Bluetooth upgrades to (69) portable radios for \$30,796.13 and (1) inventory tracking program for \$5,200, yielding a total of \$789,700.68.

The addition of Bluetooth to radios will provide hands free capability for communication in the hot zone and enhances firefighter safety. Due to the cost of equipment and the volume of supplies, an inventory tracking system will aid in maintaining SCBAs and associated equipment. These items are necessary for the department's air management program.

STAFF ANALYSIS:

The fire department conducted an extensive evaluation of three SCBA vendors (Scott, MSA and Avon) who currently meet NFPA 1981 recommendations. A labor-management committee was assembled to evaluate each of the SCBAs for form, fit and function over a six-month period. Each member of the department was provided the opportunity to evaluate and rate each of the SCBAs. The results were clear, MSA G1 SCBA outperformed other SCBAs in every category measured.

FISCAL ANALYSIS:

General Funds are available in the Fire Department budget for this purchase. Annual operating costs to maintain equipment is assessed at \$8,000 and will be absorbed by the fire department in its fiscal operating budget using the SCBA maintenance account.

ATTACHMENTS:

1. Bauer Air Compressor Agreement
2. MSA SCBA Agreement