
City Council Regular Meeting

DEPARTMENT: Fire / EMS
FROM: Casey Davis, Assistant Fire Chief
MEETING: February 20, 2024

SUBJECT:

Consider approval of a contract with Metro Fire Apparatus Specialist, Inc. for the purchase of self-contained breathing apparatuses (SCBA) facepiece and applicable accessories through a cooperative purchasing agreement with BuyBoard in the amount of \$59,994.00. (*Staff Contact: Casey Davis, Assistant Fire Chief*)

SUMMARY:

The Burleson Fire Department has developed and maintains a rotation/replacement schedule for Self-Contained Breathing Apparatus (SCBA) used in immediately dangerous to life or health (IDLH) atmospheres (firefighting, HazMat, or rescue). The NFPA (National Fire Protection Association) Standard 1982, 1981, 1500, and the Texas Commission on Fire Protection require all SCBAs to be replaced every ten years and SCBA cylinders every 15 years. The Department budgets annually to replace SCBA equipment for firefighting and rescue operations.

This request aims to provide enhanced safety to Burleson Fire/EMS personnel by replacing and upgrading our current SCBA facepieces. Fireground radio communications are almost always difficult to understand, while firefighters wear traditional SCBA facepieces. These SCBA facepieces will provide our personnel with the latest technology for "Radio Direct Interface" (Bluetooth) capabilities. This replacement and upgrade will enhance radio communications on the fire ground using bone-conducting Bluetooth-enabled audio and microphone systems. This upgrade works with our current Motorola radio system and connects using Bluetooth. Additional enhancements that can be achieved during fire ground operations while using this facepiece include enhanced voice intelligibility during two-way communications via an integrated mic within the facepiece. The facepiece further enhances the ability to hear and understand incoming radio communications through a bone-conduction headphone system contained within the facepiece. The facepiece includes a wider field of view and a new regulator for easier breathing, with a reduced frequency Vibration that will help improve two-way radio communications if a firefighter is faced with the low-air alarm activation.

OPTIONS:

- 1) Approve Contract
- 2) Deny Contract

RECOMMENDATION:

Staff recommendations approval of contract for the purchase

PRIOR ACTION/INPUT (Council, Boards, Citizens):

Council approved as a supplemental request in 23/24 budget

FISCAL IMPACT:

Budgeted Y/N: Y
Fund Name: General Fund
Full Account #s: 1012201-70025
Amount: \$59,994.00

STAFF CONTACT:

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