

**RESOLUTION 20-110**

**A RESOLUTION TO AUTHORIZE THE PURCHASE OF SELF CONTAINED BREATHING APPARATUS**

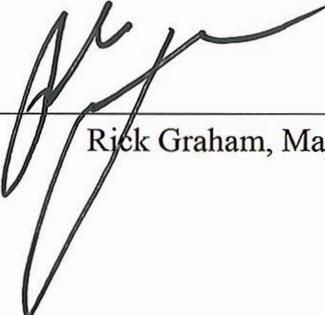
**WHEREAS**, the Spring Hill Fire Department is replacing a 32 self-contained breathing apparatus; and

**WHEREAS**, Spring Hill Fire Department request to purchase 32 Scott X3 self-contained breathing apparatus, 20 Scott Face Pieces, 64 Scott 4500psi cylinders to be paid for from the State of Tennessee Direct Appropriation Grant for Local Governments; and

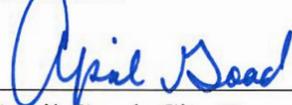
**WHEREAS**; the purchase of the self-contained breathing apparatus will be purchased through HGAC contract.

**NOW, THEREFORE BE IT RESOLVED**, that the City of Spring Hill authorizes the purchase of Scott X3 self-contained breathing apparatus, from EVS for \$278,929.41.

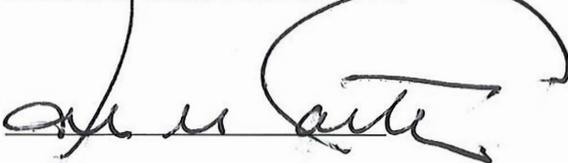
Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee on the 17<sup>th</sup> day of August, 2020.

  
\_\_\_\_\_  
Rick Graham, Mayor

ATTEST:

  
\_\_\_\_\_  
April Goad, City Recorder

LEGAL FORM APPROVED:

  
\_\_\_\_\_

**REQUEST:**        *Approval of Resolution 20-110*

**SUBMITTED BY:** Terry Hood, Fire Chief

**DATE:**            July 28, 2020

**RE:**                Self Contained Breathing Apparatus

**ATTACHMENTS:** None

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**PURPOSE:**

Self-Contained Breathing Apparatus.

**BACKGROUND:**

Fire Fighter must wear self-contained breathing apparatus when entering any hazardous environments per NFPA. Please see attached letter from our vendor.

**FINANCIAL IMPACT:**

This was a recommended item funded through the Governor's Local Government Support Grant (Direct Appropriation Grant for Local Government) and will be purchased through HGAC with a 5% discount. Funding is included in budget amendment #1 for fiscal year 2020-2021, Ordinance 20-13.

**STAFF RECOMMENDATION:**

Favorable Recommendation

**ACTION REQUIRED (INCLUDE DEADLINE /PRIORITY):**

## April Goad

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**From:** Terry Hood  
**Sent:** Thursday, July 30, 2020 10:57 AM  
**To:** Victor Lay; April Goad; Chuck Downham  
**Subject:** HGAC

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

## What is HGACBuy?

We are a nationwide, government procurement service striving to make the governmental procurement process more efficient. Units of local government, including non-profits providing governmental services, are eligible to become participating members of the HGACBuy Cooperative. All contracts available to participating members of HGACBuy have been awarded by virtue of a public competitive procurement process compliant with state statutes.

Terry W. Hood, Fire Chief  
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Cell # 615-486-9060  
Office # 615-302-3462  
Fax # 931-499-7999





Terry Hood,  
Fire Chief,  
Spring Hill Fire Department  
199 Town Center Pkwy  
P.O. Box 789  
Spring Hill, TN 37174

April 6th, 2020

Chief Hood,

I am writing you to bring you up to date on the status of your department's Scott NXg2 Self Contained Breathing Apparatus.

First, many of your SCBAs are experiencing frequent issues due to the age of the SCBA. The NXg2 units that I have worked on for your department are nearly fifteen years old. Many of the components on the SCBAs are made of materials such as plastics and other synthetics that, after many years of exposure to the extreme elements of firefighting, have begun to break down. Many of these components are in the electronic system and their failure results in the Personal Alert Safety System and the Heads Up Display not functioning properly, if at all. The Heads-Up Display provides a visual indicator in the firefighter's field of vision of the available air remaining in his SCBA. The Personal Alert Safety System provides an audible alarm with flashing lights to help locate a firefighter who may be unable to escape a potentially deadly environment on his own. This system can be manually activated by the firefighter or automatically activated when the firefighter remains motionless for a period of thirty seconds.

Second, the supply of spare parts for the Scott NXg2 is rapidly depleting. These SCBAs have not been manufactured in over a decade. As I am writing this, there are only 24 parts still available to repair your SCBAs. Three of these parts are labels, so there are only 21 actual parts relating to the mechanical and electronic components of your SCBAs. Due to the age of the SCBAs, any warranty coverage from Scott has expired.

Third is the issue of compliance. The National Fire Protection Association sets the standards that regulate self-contained breathing apparatus. NFPA 1981 - Standard on Open Circuit Self Contained Breathing Apparatus for Emergency Services and NFPA 1982 - Standard on Personal Alert Safety Systems are the standards governing your SCBAs. Your Scott NXg2 SCBAs were manufactured to comply with NFPA 1981 (2002 Edition). NFPA 1981 and NFPA 1982 have since been updated in 2007, 2013 and, most recently, in 2018. The updates to these Standards are the results of testing and actual fireground experiences that have revealed deficiencies in the systems, and technological advances that lead to safer equipment for the firefighter operating in an atmosphere of Immediate Danger to Life and Health. Having SCBAs that are up to date on NFPA 1981 and NFPA 1982 could provide a financial benefit to the City of Spring Hill with regards to any insurance policies the city may have.

Fourth, 3M Scott Fire & Safety warrants NFPA 1981/1982, 2018 compliant Air-Pak SCBAs, including facepiece and cylinder, to be free from defects in workmanship and materials for as long as the SCBAs are owned by the original end-user purchaser. This warranty applies to all components of the SCBA including all accessories and optional equipment purchased and supplied at the time of original sale of the products, except voice communication devices and accessories, in-mask thermal imaging devices,

**integrated self-rescue belts, consumable supplies and carrying cases, with the exceptions of mis-use, abuse or alteration.**

**Chief Hood, I hope this letter has been able to shed some light on the issues with your SCBAs. Please feel free to contact me with any questions or concerns you may have.**

**Sincerely,**



**Gary Johnson  
Field Service Technician  
Emergency Vehicle Specialists  
615-485-6900**

