

A stylized graphic featuring a five-pointed star at the top right, with a thick, curved swoosh or comet tail extending from the star towards the bottom left, passing behind the text.

PURCHASE OF SELF- CONTAINED BREATHING APPARATUS AND AIR COMPRESSOR TRAILER

RS-25-011

January 6, 2026

SCBA Background

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- The Fire Department uses a Self-Contained Breathing Apparatus (SCBA) which is a portable system that provides firefighters with clean, breathable air in hazardous environments such as smoke-filled buildings or chemical incidents.
- SCBA's consist of a high-pressure air cylinder, harness, pressure regulator, and a facepiece that allows the user to breathe in a contaminated atmosphere.

SCBA Background

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- SCBA's prevent inhalation of toxic gases and particulates
- Firefighters are trained to use SCBA's through all phases of an incident, including after the flames are extinguished.
- SCBA's are used in a wide range of emergencies, including structural fires, hazardous materials incidents, and confined space rescues.

SCBA Background

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- The Fire Department established a committee of firefighters and officers to evaluate 3 SCBA manufacturers (MSA, Drager, and Scott Safety) to determine the best option for our department needs, now and in the future. The evaluation was performed in 3 phases:
 - Phase 1: Educational Session and Product Overviews
 - Phase 2: Field Evaluations
 - Phase 3: Technical Analysis and Additional Research

Alternatives Considered

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□ MSA G1 XR Edition:



Alternatives Considered

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□ Dräger PSS 7000:



Alternatives Considered

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□ Scott X3 Pro:



Procurement Process

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- The SCBA's were evaluated and scored based on 4 criteria:
 - ▣ Quality of product
 - ▣ Ability to deliver the product in a timely manner
 - ▣ Safety, comfort, and reliability
 - ▣ Product Support and Training

SCBA Final Recommendation

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- The Scott X3 Pro was selected for the following reasons:
 - Proven Design
 - Lifetime Warranty (“Bumper-to-Bumper”)
 - Life expectancy is at least 10 years
 - Dependent on amount of wear the units undergo
 - Dual-redundant safety features
 - Superior reliability
 - Availability – Expected to ship within 90 days

Trailer Background

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- ❑ To refill SCBA's on an active scene, the Fire Department is requesting a mobile SCBA filling station.
- ❑ Ensures a continuous supply of breathing air on large fires and other extended incidents where personnel may use multiple bottles.
- ❑ This consists of:
 - ▣ a cascade system of high-pressure air storage tanks
 - ▣ Breathing air compressor
 - ▣ SCBA bottle refilling stations
 - ▣ Generator for power
 - ▣ Shelter awnings for the operator

Trailer Background

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- Mobile Air Trailer “Responder 25D” cost: \$222,639.90
- Included Features:
 - ▣ Roof Top A/C, Heat strips, and thermostat
 - ▣ Electric tongue jack
 - ▣ 12’ power awning with weather guard, 8 ft deep
 - ▣ Spare tire and mount
 - ▣ 4 LED Exterior Flood Lights
 - ▣ 3 position fill station
 - ▣ Shipping

Background

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- Mobile SCBA
Trailer
“Responder 25D”



Background

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□ Mobile SCBA Trailer “Responder 25D”



Fiscal Impact

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- The total cost of the acquisition for 165 SCBA systems and associated equipment through MES Life Safety (Sourcewell Contract #011824) will be \$3,012,625.15
- The total cost of the acquisition for one “Responder 25D” mobile SCBA refill trailer through August Industries (Buyboard contract #698-23) will be \$222,639.90
- Budgeted item for FY26 through recent CO that was issued
 - ▣ Falls within the approved amount of the CO

Recommendation

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- Staff recommends authorizing the City Manager, or his designee, to execute the purchase of Self-Contained Breathing Apparatus systems and associated equipment through MES Life Safety (Sourcewell Contract #011824) in the amount of \$3,012,625.15, and execute the purchase of the Mobile Air Trailer with available options through August Industries (Buyboard contract #698-23) in the amount of \$222,639.90, and that the City Manager or his designee is expressly authorized to execute any and all change orders within the amounts set by state and local law.