

South Davis Metro Fire Service Area

Request for Proposal (RFP)

For: Self-Contained Breathing Apparatus (SCBA)

Introduction:

South Davis Metro Fire Service Area (SDMFSA) is requesting proposals for new Self-Contained Breathing Apparatus for its Fire Department. Proposals shall include information concerning pricing, cost of ownership including detailed warranty description, and local, factory-authorized warranty service.

Contact Information:

Fire Chief Jeff Bassett
801-677-2400
jbassett@sdmetrofire.org

Proposal Requirements:

- Proposals shall reflect the best and most current information.
- SDMFSA reserves the right to have discussions with and/or negotiate with proposers prior to the final selection.
- Proposals must be submitted on or before the due date. Proposals received after the due date and time will not be considered, and will be returned unopened to the proposer(s).
- Proposals must be clearly labeled with the wording Self-Contained Breathing Apparatus on the exterior of the sealed envelope along with the identification of the individual or organization submitting the proposal.
- Please submit two (2) copies of your proposal for evaluation. One additional electronic copy shall be sent to jbassett@sdmetrofire.org
- SDMFSA will not accept proposals via facsimile.

- SDMFSA reserves the right to cancel this RFP, to reject any or all proposals, to waive any formality or technicality, or to accept proposals deemed to be in the best interests of SDMFSA.
- Preparation and submittal of proposals are the sole risk and expense of the proposer. SDMFSA does not guarantee that any of the proposals shall be selected.

Proposals must be delivered to:

Jeff Bassett, Fire Chief
South Davis Metro Fire Service Area
255 s 100 w
Bountiful, Ut, 84010

Proposals are due:

July 2, 2018

No later than 3:00 p.m. Mountain Daylight Time (MDT)

Opening of Proposals

Proposals, modifications, or corrections received after 3:00 p.m. (MDT) on the due date will be considered late and will not be opened. Facsimile transmitted proposals will not be considered.

If SDMFSA determines that it has not received a sufficient number of proposals, or if all proposals submitted are rejected, the Fire Chief may re-solicit this RFP for the purpose of obtaining additional proposals.

Proposal opening will not be open to the public.

Proposal Selection

Proposals will be selected based upon the following criteria:

- Compliance with specification (25%)
 - The extent to which the proposed equipment meets the specifications identified in this Request
- Cost (50%)

- Warranty and Service (25%)
 - The quality and length of warranty and service agreements, in relation to other proposals

**NON-DISCLOSURE OF REASONS FOR SELECTING AIR PACKS AND OF INFORMATION IN PROPOSALS;
POSSIBLE REQUIREMENT TO DISCLOSE**

The reasons for selecting the vendor that is appointed will not be made available to anyone. However, SDMFSA is subject to the Government Records Access and Management Act (“GRAMA”) (Chapter 2, Title 63G, Utah Code Ann.) and relevant provisions of the Utah Procurement Code (UCA 63G-6a-101 et seq.). GRAMA makes most documents held by government entities in the State of Utah “public records,” as defined in GRAMA. All parties submitting proposals are on notice that SDMFSA may not be able to keep the information in the proposals confidential. A vendor desiring to protect the confidentiality of all or part of the contents of its proposal may wish to consider the applicability of Utah Code Ann. § 63G-2-309.

Product Information and Quantities

QTY (58) 2013 NFPA Compliant SCBA, with a no cost upgrade to the 2018 NFPA Edition when that edition becomes available.

The SCBA price shall include the following features and items:

- 4500 PSI System
- 4500 PSI, 45-Minute Quick-Connect or Snap-Change style cylinder connection
- Facepiece with Kevlar head net
- Articulating Lumbar Pad
- Integrated PASS Device
- Integrated Telemetry with all RFID/Bluetooth components
- If the SCBA offered is available with Integrated Thermal Imaging, please include on a separate quotation.
- Voice Amplifier
- Heads Up Display
- Pneumatic components for trans-fill and buddy breathing
- If the SCBA offered is available with a rechargeable battery, please include on a separate quotation the price each for a spare battery and battery charger.
- D ring on the waist band, rated to hold tools such as Ax, Halogen, ETC.

QTY (72) 4500 PSI, 45-Minute Quick-Connect or Snap-Change style cylinder. (additional to the 58 SCBA)

QTY (20) 4500 PSI, 60-minute Quick- Connect or Snap-Change Style cylinder.

QTY (121) Face pieces with neck strap and carrying bag. Sizes to be determined after fit testing.

- QTY (5) Replacement straps for SCBA Pack
- QTY (5) RIT Kits, including 60-Minute Cylinder, Bag, Facepiece, and Pneumatic Components.
- QTY (1) Air-Cart 60 minutes, for confined space team. Include 900 feet of hose. 5 sections of 100 feet and 8 sections of 50 feet.
- QTY (5) Escape air pack for Technical Rescue Team. 10-minute bottle, that works with the supplied air system (Air-Cart)
- QTY (11) Quick-Connect or Snap-Change fill adapters for breathing air compressors and tools.
- QTY (2) Vendor specific hardware and software to support firefighter accountability system through telemetry
- QTY (3) Technician training for department specified SCBA Techs
- QTY (1) Vendor specific flow test device and applicable software
- QTY (1) Vendor specific fit testing device and applicable software

All quotes should include shipping, handling and delivery charges. Please include on a separate line any trade in value for 57 SURVIVAIR Panther HP Packs with bottles, 119 masks and the disposal of up to 130 Composite SURVIVAIR bottles.

Specification:

Vendors shall complete the following sections and acknowledge whether the item “Meets Specifications” or if there is an “Exception.” An explanation shall be provided for each exception within Section III of this RFP.

I. APPROVALS:

- A. Self-Contained Breathing Apparatus (SCBA) shall be approved by the National Institute for Occupational Safety and Health (NIOSH), under 42 CFR, Part 84 for chemical, biological, radiological, and nuclear protection (CBRN) and compliant with all requirements of the National Fire Protection Association's (NFPA), 2018 Edition, of NFPA-1981 Standard on Open-Circuit Self-Contained Breathing Apparatus.

Meets Specification _____ Exception _____

- B. Units equipped with integrated Personal Alert Safety System (PASS) device must meet requirements of NFPA 1982, 2013 edition.

Meets Specification ____ Exception ____

- C. Vendor must be able to provide a no-cost upgrade to the NFPA 2018 Edition for the SCBA, facepiece, cylinder and any other components of the SCBA related to the new Standard.

Meets Specification ____ Exception ____

II. **SPECIFIC REQUIREMENTS:**

A. Face piece

1. The face piece shall be available in three sizes (small, medium, and large). Sizes to be determined after fit testing.

Meets Specification ____ Exception ____

2. The face piece shall have a nose cup available in three sizes (small, medium, and large). Sizes to be determined after fit testing.

Meets Specification ____ Exception ____

3. The face piece shall have a Kevlar head net.

Meets Specification ____ Exception ____

B. Heads-Up-Display (HUD)

1. The HUD light indicators shall be located inside the face piece.

Meets Specification ____ Exception ____

C. Universal Air Connection (UAC)

1. The SCBA system shall be capable of:

- a) Refill within immediately dangerous to life or health (IDLH) atmospheres.

Meets Specification ____ Exception ____

- b) Trans-filling between two SCBA's providing Emergency Breathing while maintaining NIOSH approvals.

Meets Specification ____ Exception ____

- c) Quick refill (approximately one-minute duration) of SCBA cylinder from mobile compressor, cascade system, or RIT pack.

Meets Specification ____ Exception ____

D. Cylinders

1. The cylinder shall be a 4500 PSI, 45-minute bottle.

Meets Specification ____ Exception ____

2. The cylinder valve shall incorporate CGA thread that can be converted to Quick-Connect or Snap-Change cylinder without special tools.

Meets Specification ____ Exception ____

E. PASS Device

1. The battery module shall be powered by six C-cell batteries or one lithium-ion rechargeable battery. If submitting rechargeable batteries, you must include 6 battery charging stations in the pricing.

Meets Specification ____ Exception ____

2. The PASS device shall be designed for battery-level check and removal of batteries while the SCBA remains in the jump seat.

Meets Specification ____ Exception ____

3. The PASS device shall have a time-remaining display. The time-remaining function must update calculations every 60 seconds based upon user's previous three minutes of air consumption.

Meets Specification ____ Exception ____

F. Amplifier

1. The speaker shall provide amplified speech that removes inhalation breath noise.

Meets Specification ____ Exception ____

2. The speaker shall provide 70 dBa output, at a minimum.

Meets Specification ____ Exception ____

G. Telemetry and Thermal Imaging

1. Telemetry shall be integrated and include all RFID/Bluetooth components necessary for application.

Meets Specification ____ Exception ____

2. Telemetry shall report or disseminate, in real time, vital information including PASS activation, air monitoring, evacuation orders, and firefighter accountability (preferably location).

Meets Specification ____ Exception ____

3. Thermal imaging shall be integrated, lightweight and easy to use. Thermal imaging located on a mask shall have the capability of thermal vision from either the right or the left eye depending upon the needs of the individual firefighter.

Meets Specification ____ Exception ____

4. All software for both telemetry and thermal imaging shall be upgraded at no cost for the duration of the minimum specified warranty, 10 years minimum.

Meets Specification ____ Exception ____

H. Carrier and Harness

1. The harness shall have separate left and right shoulder straps.

Meets Specification ____ Exception ____

2. The shoulder straps shall have localized friction pads to prevent slippage.

Meets Specification ____ Exception ____

3. The harness and webbing shall be reflective and easily removable for decontamination.

Meets Specification ____ Exception ____

4. The waist pad (lumbar pad) shall be articulating.

Meets Specification ____ Exception ____

- 5. The waist straps shall be double-pull, forward design.

Meets Specification ____ Exception ____

- 6. The regulator keeper shall allow regulator to be connected at any angle.

Meets Specification ____ Exception ____

I. RIT Kits

- 1. The RIT Kits shall have a 4500 PSI, 60-minute cylinder with a bag, a facepiece and pneumatic components all compatible with the proposed SCBA.

Meets Specification ____ Exception ____

J. Warranty

- 1. All SCBA components including electronics, pneumatics and integrated components must have at least a 10-year warranty.

Meets Specification ____ Exception ____

K. Local Account Manager and Factory Service

- 1. The distributor providing the SCBA must have an office in the state of Utah and a local account manager. The Utah based office/company must be a factory-authorized warranty and service center. The Utah based office/company must also offer mobile service administered by factory authorized service technicians. The Utah based office/company must have a full range of service and or replacement parts must be available at the Utah office/company.

Meets Specification ____ Exception ____

- 2. The distributor providing the SCBA shall provide initial and on-going, factory-authorized technician training to designated members of SDMFSAs.

Meets Specification ____ Exception ____

III. EXCEPTIONS:

Section _____ Item # _____

Description _____

Exception Reason _____

Section _____ Item # _____

Description _____

Exception Reason _____

Section _____ Item # _____

Description _____

Exception Reason _____

Section _____ Item # _____

Description _____

Exception Reason _____

Section _____ **Item #** _____

Description _____

Exception Reason _____
