

**HOPEWELL BOROUGH FIRE DISTRICT NO. 1
MERCER COUNTY, NEW JERSEY
REQUEST FOR BIDS
SELF-CONTAINED BREATHING APPARATUS (SCBA) SYSTEM**

Bid No.: 26-1
Issue Date: 10/15/2026
Bid Opening Date: 11/11/2026
Bid Opening Time: 7 pm

1. INVITATION TO BID

Notice is hereby given that the Board of Fire Commissioners of the Hopewell Borough Fire District No. 1, Mercer County, New Jersey, will receive sealed bids for the furnishing and delivery of a complete Self-Contained Breathing Apparatus (SCBA) System and associated equipment.

The purpose of this procurement is to provide the Fire District with a standardized, modern, interoperable SCBA system for structural firefighting, hazardous environments, emergency response, rapid intervention, training, and other operations requiring respiratory protection.

The successful bidder shall furnish all equipment, components, accessories, chargers, and related items necessary to provide a complete and operational system in accordance with the specifications contained herein.

All equipment shall be new, current-production equipment and shall meet or exceed all applicable federal, state, NFPA, NIOSH, OSHA, and other applicable standards and requirements in effect at the time of bid submission.

2. SCOPE OF PROCUREMENT

The Fire District intends to purchase the following quantities:

<u>Item</u>	<u>Quantity</u>
Complete SCBA, including 45-minute/4,500 psi cylinder/mask	6
Additional SCBA facepieces/masks	14
Additional 45-minute, 4,500 psig cylinders	6
Rapid Intervention Team (RIT) Packs	1
Additional 60-minute, 4,500 psig cylinders	1
Rechargeable battery	1
Charging station	1
Chest Straps	1
Adjustable Lumbar Support	1
Amplifier Speaker for Voice Amplification	1
RIT Bag	1

The bidder shall provide a complete itemized proposal identifying the unit price and extended price for every component and quantity requested.

3. MINIMUM SCBA SPECIFICATIONS

Each of the complete SCBA units shall include, at a minimum, the following:

A. SCBA Cylinder

Each complete SCBA shall be supplied with:

One (1) 45-minute, 4,500 psig cylinder.

Cylinder shall be NIOSH-approved for use with the proposed SCBA.

Cylinder shall meet all applicable DOT, NFPA, NIOSH, and manufacturer requirements.

Cylinder shall utilize a CGA threaded fitting compatible with the proposed SCBA.

Cylinder valve shall incorporate a locking handwheel or equivalent positive-locking cylinder valve design.

Cylinder shall be clearly marked with applicable service pressure, manufacturing information, inspection requirements, and required regulatory markings.

Bidder shall identify cylinder warranty and service-life requirements.

B. Facepiece

Each complete SCBA shall include one (1) facepiece/mask.

The facepiece shall:

Be NIOSH-approved for use with the proposed SCBA.

Provide a secure and comfortable seal for structural firefighting operations.

Be compatible with the HUD and regulator system specified herein.

Permit reasonable field maintenance and replacement of components.

Be available in multiple sizes, where applicable, to accommodate the Fire District's personnel.

C. Integrated Heads-Up Display (HUD)

The SCBA shall include an integrated Heads-Up Display (HUD) incorporated into the regulator/facepiece system.

The HUD shall provide the firefighter with readily visible cylinder-air status information without requiring the firefighter to remove their attention from the operating environment.

The HUD shall:

Be integrated with the regulator/facepiece system.
Provide clear indication of remaining cylinder air.
Provide appropriate low-air warning indications.
Function without requiring an external telemetry or tracking system.
Be designed for operation in low-light and fireground conditions.

4. REGULATOR AND AIR SUPPLY SYSTEM

Each SCBA shall include a regulator system meeting the following requirements:

A. Integrated Regulator

The regulator shall be integrated with the SCBA facepiece/HUD system and shall be designed for rapid deployment and reliable operation in structural firefighting environments.

B. Quick-Connect Regulator

The SCBA shall utilize a quick-connect regulator connection permitting efficient connection and disconnection of the regulator from the facepiece.

The quick-connect system shall be designed to minimize the possibility of inadvertent disconnection during normal firefighting operations.

C. Elongated Regulator Hose

The regulator shall be provided with an elongated air-supply hose of sufficient length to permit the firefighter to comfortably position and operate the regulator while maintaining full range of movement.

The bidder shall identify the length and specifications of the supplied regulator hose.

5. HARNESS AND STRAP SYSTEM

The SCBA shall incorporate a durable, firefighter-oriented harness system.

The harness shall include:

Tunneled straps with the air pack, allowing the straps and associated components to be properly routed and protected within the SCBA assembly.

Adjustable shoulder and waist straps.

Positive-locking buckles and adjustment hardware.

Construction suitable for repeated exposure to structural firefighting environments.

Materials capable of withstanding routine cleaning, decontamination, heat exposure, moisture, and normal fire-service use.

Ergonomic design intended to minimize firefighter fatigue during extended operations.

The bidder shall provide complete specifications and warranty information for the harness and strap system.

6. UBESS / BUDDY BREATHING SYSTEM

Each complete SCBA shall be equipped with a UBESS/Buddy Breather system or manufacturer-equivalent emergency breathing-air sharing system.

The system shall:

Permit two firefighters to share breathing air during an emergency.

Be readily accessible to the firefighter.

Be designed for use while wearing full PPE and SCBA.

Provide a secure connection between compatible SCBA units.

Be NIOSH-approved or otherwise approved as required for the intended application.

Not interfere with normal SCBA operation.

Include all hoses, fittings, connectors, protective covers, and hardware required for operation.

The bidder shall provide a detailed description of the proposed buddy-breathing system and its method of operation.

7. TELEMETRY AND TRACKING

The Fire District does not require or desire additional SCBA telemetry, firefighter tracking, personnel accountability tracking, or location-monitoring technology as part of this procurement.

Accordingly:

No additional pack-mounted telemetry system shall be included.

No GPS/location tracking system shall be included.

No wireless personnel tracking system shall be included.

No subscription-based telemetry or tracking service shall be included.

No recurring software or data-service charges shall be included.

The bidder shall clearly identify any proposed equipment or technology that would result in recurring licensing, subscription, software, cellular, radio, cloud-service, or other ongoing costs.

Any optional telemetry or tracking products shall be separately identified and shall not be included in the base bid.

8. BATTERIES AND CHARGING EQUIPMENT

The bidder shall provide all appropriate battery chargers and charging equipment necessary to maintain the SCBA equipment in a ready-for-service condition. **The standard alkaline battery shall be replaced with the rechargeable battery for each pack.** A charging station shall be supplied to charge spare batteries.

The bid shall identify:

- Required battery type.
- Battery capacity and expected operating life.
- Number of batteries supplied with each SCBA.
- Required charger type.
- Number of chargers included.
- Charging time.
- Expected battery service life.
- Replacement battery cost.
- Replacement charger cost.
- Any specialized charging equipment required.
- Any electrical requirements associated with the charging system.

The bidder shall provide sufficient charging equipment to reasonably support the 6 SCBA units included in this procurement.

The Fire District reserves the right to request additional chargers or charging stations as separate bid items.

9. ADDITIONAL FACEPIECES / MASKS

The bidder shall provide 14 additional facepieces/masks compatible with the proposed SCBA.

The additional facepieces shall:

- Be identical to or fully compatible with the facepieces supplied with the complete SCBA units.
- Include all required components for immediate operational use.
- Be available in the appropriate sizes identified by the Fire District.
- Be compatible with the proposed regulator, HUD, and communications configuration.
- Be capable of routine cleaning and decontamination.
- Include manufacturer's standard warranty.

The bidder shall provide unit pricing for additional facepieces by size, if applicable.

10. ADDITIONAL 45-MINUTE CYLINDERS

The bidder shall provide 6 additional 45-minute, 4,500 psig cylinders.

These cylinders shall:

Be fully compatible with the proposed SCBA.

Utilize the specified CGA threaded connection.

Be equipped with the specified locking handwheel.

Be NIOSH-approved for use with the proposed SCBA.

Meet all applicable DOT, NFPA, NIOSH, and manufacturer requirements.

Include all required valve components and protective equipment.

The bidder shall provide the unit and extended price for all 6 cylinders.

11. COMPATIBILITY AND STANDARDIZATION

The Fire District's intent is to establish a standardized SCBA fleet.

All equipment supplied under this procurement shall be compatible with the proposed SCBA platform.

The following items shall be fully compatible with the complete SCBA units:

Facepieces;

Regulators;

Cylinders;

Buddy-breathing/UBESS equipment;

RIT equipment;

Batteries;

Chargers;

Replacement parts;

Required maintenance equipment.

The bidder shall clearly identify any component that is not interchangeable or compatible across the proposed equipment.

12. NFPA, NIOSH, OSHA, AND REGULATORY COMPLIANCE

All equipment shall comply with all applicable standards and requirements, including, but not limited to:

Applicable NIOSH approval requirements;

Applicable NFPA standards for SCBA and respiratory protective equipment;

Applicable OSHA respiratory protection requirements;

Applicable DOT requirements for compressed-gas cylinders;

Applicable federal and State of New Jersey requirements;

Manufacturer's published specifications and limitations.

The bidder shall provide documentation demonstrating compliance and NIOSH approval information for the proposed SCBA.

13. TRAINING

The successful bidder shall provide initial familiarization and operational training for Fire District personnel at no additional cost.

Training shall include, at a minimum:

- SCBA operation;
- Donning and doffing;
- Emergency procedures;
- Cylinder replacement;
- Buddy-breathing/UBESS operation;
- HUD operation;
- Battery replacement and charging;
- Cleaning and decontamination;
- Basic inspection;
- User-level maintenance;
- RIT Pack operation;
- Manufacturer-recommended care and maintenance.

The bidder shall identify the number of training sessions included in the base bid.

16. SERVICE, PARTS, AND SUPPORT

The successful bidder shall provide reasonable access to replacement parts and authorized service for the proposed SCBA.

The bidder shall provide:

- Manufacturer warranty information;
- Local or regional service capabilities;
- Parts availability;
- Estimated parts lead times;
- Authorized service-center information;
- Recommended preventative-maintenance schedule;
- Cylinder inspection requirements;
- Battery replacement schedule;
- Regulator service requirements.

The bidder shall identify any components that are proprietary and cannot be serviced by the Fire District's authorized SCBA technicians.

14. WARRANTY

The bidder shall provide a complete written warranty covering the SCBA, facepieces, regulators, cylinders, harnesses, HUD components, RIT Packs, chargers, and associated equipment.

The bid shall identify:

Length of warranty;
Components covered;
Labor coverage;
Shipping coverage;
Exclusions;
Warranty claim procedures;
Availability of replacement equipment during warranty repairs.

Extended warranties may be proposed as separate options but shall not be included in the base bid unless specifically requested.

15. DELIVERY

All equipment shall be delivered to:

Hopewell Township Fire District No. 1
Mercer County, New Jersey
Delivery Address: 201 Washington Crossing Pe Rd, Titusville, NJ 08560

The bidder shall provide an estimated delivery schedule from the date of purchase order issuance.

The Fire District prefers delivery of the complete order in a coordinated shipment but reserves the right to accept partial shipments.

No additional shipping or delivery charges shall be permitted unless specifically identified in the bid proposal.

16. BID PRICING

Bidders shall complete the following pricing schedule:

Item	Quantity	Unit Price	Extended Price
Complete SCBA with 45-min/4,500 psig cylinder	6	\$ _____	\$ _____
Additional Facepiece/Mask	14	\$ _____	\$ _____
Additional 45-min/4,500 psig Cylinder	6	\$ _____	\$ _____
RIT Pack	1	\$ _____	\$ _____
Additional 60-min/4,500 psig Cylinder	1	\$ _____	\$ _____
Battery and Charging station	1 Lot	\$ _____	\$ _____
Training	1 Lot	\$ _____	\$ _____
Freight/Delivery	1 Lot	\$ _____	\$ _____
TOTAL BASE BID			\$ _____

Any required equipment, component, accessory, software, subscription, licensing, charger, battery, cable, hose, fitting, or other item necessary to place the SCBA into operational service shall be clearly identified.

17. OPTIONAL ITEMS

Optional equipment may be submitted separately but shall not be included in the base bid.

OPTION	OPTIONAL EQUIPMENT	QUANTITY	UNIT PRICE	EXTENDED PRICE
OPTION 1	Chest Strap	6	\$ _____	\$ _____
OPTION 2	Adjustable Lumbar Support	6	\$ _____	\$ _____
OPTION 3	Amplifier Speaker for Voice Amplification	5	\$ _____	\$ _____
OPTION 4	RIT Bag		\$ _____	\$ _____

OPTIONAL EQUIPMENT PRICING REQUIREMENTS: Bidders shall provide separate pricing for each option identified above. Option pricing shall not be included in the TOTAL BASE BID. The Fire District may elect to purchase any, all, or none of the options, subject to applicable procurement requirements and final contract award.

For each option, the bidder shall identify the manufacturer's model or part number, provide a detailed description, and confirm compatibility with the proposed SCBA configuration. Optional equipment shall not adversely affect SCBA certification, fit, function, warranty, or compliance with applicable requirements.

TOTAL OF ALL OPTIONAL EQUIPMENT (FOR EVALUATION ONLY): \$ _____

Optional items may include:

- Additional facepieces;
- Additional cylinders;
- Additional chargers;
- Additional batteries;
- Specialized maintenance equipment;
- Extended warranties;
- Training beyond the required amount;
- Other manufacturer-recommended equipment.

Any optional telemetry, tracking, or subscription-based services shall be separately identified and shall not be included in the base bid.

18. BID EVALUATION

The Fire District reserves the right to evaluate bids based upon the best value to the Fire District, including but not limited to:

- Compliance with specifications;
- Total purchase price;
- Equipment performance;
- Firefighter safety;
- Ergonomics;
- Reliability;
- Compatibility;
- Manufacturer support;
- Warranty;
- Parts availability;
- Service capabilities;
- Delivery schedule;
- Training;
- Lifecycle costs;
- Availability of replacement components;
- Overall suitability for the Fire District's operational requirements.

The lowest bid price shall not necessarily be the sole determining factor if the equipment proposed does not provide the best overall value or does not meet the specifications.

19. BIDDER'S COMPLIANCE STATEMENT

Each bidder shall provide a written statement confirming that the equipment proposed complies with every mandatory specification contained in this Request for Bids.

Any deviation from the specifications shall be clearly identified in writing.

Failure to identify a deviation may result in the bid being deemed non-responsive.

Bidders shall provide manufacturer model numbers and detailed product specifications for all major components.

20. MANUFACTURER AND MODEL

The bidder shall identify:

SCBA Manufacturer: _____

SCBA Model: _____

Cylinder Manufacturer: _____

Facepiece Model: _____

Regulator Model: _____

RIT Pack Model: _____

Battery/Charger System: _____

21. REQUIRED BID SUBMITTALS

Each bidder shall submit:

Completed bid proposal;
Completed pricing schedule;
Manufacturer's product specifications;
NIOSH approval information;
NFPA compliance documentation;
Warranty documentation;
Training proposal;
Delivery schedule;
Service and support information;
Parts availability information;
Battery and charger specifications;
Identification of all deviations from specifications; Identification of all optional equipment;

References from fire departments or public-safety agencies currently using the proposed SCBA system.

22. RIGHT TO REJECT BIDS

The Board of Fire Commissioners reserves the right to reject any or all bids, waive minor informalities, and accept the bid that, in the judgment of the Board, is in the best interest of the Hopewell Borough Fire District No. 1.

The Board further reserves the right to reject any bid that fails to meet the mandatory specifications established herein.

23. CERTIFICATION OF BIDDER

The undersigned certifies that they have examined this Request for Bids and understand all specifications, requirements, terms, and conditions contained herein.

Company Name: _____

Address: _____

Authorized Representative: _____

Title: _____

Telephone: _____

Email: _____

Signature: _____

Date: _____

27. BOARD OF FIRE COMMISSIONERS

HOPEWELL BOROUGH FIRE DISTRICT NO. 1
Mercer County, New Jersey

By Order of the Board of Fire Commissioners:

Chairperson

Clerk/Secretary

Date

APPENDIX A SCBA EQUIPMENT SUMMARY

The Fire District's requested procurement consists of:

6 complete SCBA units, each equipped with:

- 45-minute cylinder;
- 4,500 psig service pressure;
- CGA threaded fitting;
- Locking cylinder handwheel;
- Integrated HUD;
- Integrated regulator;
- Quick-connect regulator;
- Elongated regulator hose;
- Tunneled harness/strap system;
- UBESS/Buddy Breather capability;
- Appropriate batteries and charging system;
- No pack-mounted telemetry or tracking system.

Additionally:

- 14 additional facepieces/masks;
- 6 additional 45-minute, 4,500 psig cylinders;
- 1 RIT Packs;
- 1 additional 60-minute, 4,500 psig cylinders;
- 1 rechargeable battery

The successful bidder shall furnish a complete, fully compatible SCBA system suitable for the operational requirements of Hopewell Borough Fire District No. 1.