

Request For Proposals
For the Purchase of SCBA's and Related Components
Washington Township / Avon Fire Department
311 Production Drive
Avon, Indiana 46123
(317) 272-2155

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1. Statement of Purpose.

The Washington Township / Avon Fire Department (WTAFD) invites interested and qualified parties to submit proposals for new SCBAs.

Proposal packages will be available for pick up at the Headquarters office located at 311 Production Drive, Avon, IN beginning Monday, January 28, 2019. Proposal packages may also be downloaded from the Department website www.avonfd.org or emailed by contacting Assistant Chief Gerald George at ggeorge@avonfd.org.

Two (2) original proposal packages in the prescribed format must be addressed to Assistant Chief Gerald George in a sealed envelope clearly labeled "SCBA Proposal". The outside of the envelope must include the name, phone number, and email address of the designated contact person. The envelope is to be delivered to Washington Township / Avon Fire Department, Attn: Assistant Chief George, 311 Production Drive, Avon, IN 46123 by 3:00pm (Local Time), on Monday, March 11, 2019.

Proposals shall be submitted in the same sequence as specifications for ease of evaluation, comparison, and checking compliance.

Proposal price shall not include any federal or state taxes.

Proposal price shall include shipping costs.

All questions about this RFP must be submitted via email as follows:

Assistant Chief Gerald George

Email: ggeorge@avonfd.org

All requested clarifications to the RFP must be provided in writing via email as indicated above, unless otherwise provided. No other responses whether verbal or otherwise, shall be deemed official unless in writing by the WTAFD.

All submitted questions shall be redistributed with response attached to all representatives who request a RFP package.

The safety of our personnel, warranty, service and customer care will all be deciding factors in the RFP process.

The Township reserves the right to reject any and all RFPs or waive any technicalities.

Documents to be submitted with the RFP.

1. Copy of SEI certification to NFPA 1981 (2019 Edition).
2. Copy of all warranties provided by the SCBA manufacturer.
3. A detailed and itemized list of the items being offered including the quantities and unit cost.
4. Detailed specification of the SCBA being offered.

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5. A list of any exceptions to the specification. For each exception, please explain the details of the exception and offer, if available, an alternative feature.
6. Reference list providing a minimum of five (5) fire departments that have purchased the bid SCBA within the last 12 months.
7. Description of service and repair program, facility, and services including the scheduling or repairs and the annual maintenance program.
8. Description of the training that would be provided.

The submitted proposals will be opened at 3:00 PM on Monday, March 11, 2019 at Fire Department Headquarters located at 311 Production Drive, Avon, IN.

2. Background Information.

The Washington Township / Avon Fire Department will be replacing Self Contained Breathing Apparatus (SCBA) Equipment to comply with the new National Fire Protection Association (NFPA) 1981 Standards (2019 Edition). Quantities of the required equipment to be replaced by the Washington Township / Avon Fire Department are indicated further in the document.

The evaluation and award process will result in the Washington Township / Avon Fire Department selecting, on the basis of its determination of best overall value, new Self Contained Breathing Apparatus Equipment (hereafter to be referred to as "SCBA Equipment") for the Department. While the determination of best overall value will include evaluation of multiple criteria over the entire procurement process, the SCBA ultimately selected by the Washington Township / Avon Fire Department will provide the most appropriate level of respiratory protection for all firefighters.

3. Request for Proposal Timeline.

January 28, 2019 – March 11, 2019 by 3:00 pm: Request for Proposal (RFP) Advertised/Available
March 11, 2019 at 3:00 pm: Request for Proposal (RFP) Opening

4. Minimum Specifications of Self Contained Breathing Apparatus.

It is the intent of these minimum specifications to describe certain equipment in sufficient detail to obtain competitive proposals from qualified vendors for the furnishing and delivery of said equipment to be used by the Washington Township / Avon Fire Department. All parts not specifically mentioned which are necessary to provide the described equipment shall be included in the proposal and shall conform in strength and quality or material and workmanship to what is usually provided for the trade in general.

Any omissions of components in these specifications are inadvertent and should be included in the proposed SCBA. The SCBA shall meet NFPA 1981 "Standard in Open-Circuit Self-Contained Breathing Apparatus for Fire and Emergency Services" 2019 edition.

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The SCBA shall be NIOSH CBRN certified and NIOSH title 42. The vendor shall supply documentation of CBRN certification. SCBA's shall be of an existing brand or model currently in production.

SCBA shall have the following components:

- Minimum 4500-psi air supply system;
- 45-minute carbon bottle or comparable (with pressure gauge), minimum 4500-psi (low profile);
- Second stage regulator;
- Heads-up display;
- Integrated PASS device;
- Integrated tracking/accountability program;
- Buddy breathing hose;
- Chest strap;
- Blue-tooth capability;
- Adjustable (parachute type), padded shoulder straps; and
- Adjustable waist strap (parachute type)

Face Piece shall include:

- Nose cup with each mask;
- Standard speaking diaphragm or comparable;
- Ability to except a spectacle kit for vision correction; and
- Means of securing mask when not in use (clip on SCBA harness).

Voice Amplification:

- To be included as part of the minimum specification for the SCBA or Face Piece

Spare Air Cylinder:

- 45-minute carbon bottle or comparable (with pressure gauge), minimum of 4500-psi (low profile)

Requirements	Meets Requirement	Does not meet Requirement	Exception/Explanation
Mask			
The mask shall have a 4 point adjustable Kevlar head harness.			
The mask shall be available in multiple sizes (at least three) to enable fit of varying facial dimensions.			
The mask shall have an indication of size "S" for small masks, "M" for medium masks, and "L" for large masks.			
The mask shall be compliant to NFPA 1981, 2019 edition.			

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Requirements (Mask con't)	Meets Requirement	Does not meet Requirement	Exception/Explanation
The lens shall have an internal anti-fog coating to reduce fogging of the lens.			
The mask shall meet the requirements of Z87.1-2010 current edition, as required by NIOSH 42 CFR part 84.			
The mask and regulator shall be certified for use within a CBRNE atmosphere.			
Certificate of CBRNE compliance attached.			
Should have a ring on the mask to clip to the frame / harness.			
SCBA Support Frame and Harness			
The frame and support harness shall provide relatively easy surface to clean.			
The support frame shall hold cylinders of 45 and 60 minute durations.			
The support frame shall be designed for user comfort.			
Electronics			
Electronic assemblies shall be warranted for a period of at least 15 years.			
All SCBA shall be equipped with an NFPA 1982, 2019 edition compliant SCBA integrated PASS device.			
All SCBA shall be equipped with blue-tooth capability.			
Warranty			
The warranty should be a minimum 15 years on all parts, including electronics. The proponent will list all warranties including all details on each specific portion/component.			

5. Exceptions to Specifications.

Any exceptions to the specifications above must be outlined in writing with the proposal. Washington Township / Avon Fire Department may choose to reject proposals based on exceptions. Any exception that make the SCBA non-compliant with NFPA 1981 "Standard on Open-Circuit Self-Contained Breathing Apparatus for Fire and Emergency Services" (2109 Edition) or will not allow the SCBA to be NIOSH CBRN certified or NIOSH title 42 will result in the proposal being rejected.

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6. Number of Items to be Purchased.

The Washington Township / Avon Fire Department intends to purchase 40 SCBA units with bottles (low profile), 60 face pieces and 30 spare 4500-psi bottles (low profile). See detailed list below.

7. Evaluation Process.

Description	Points
Meets Specification	25
Annual cost of Operations (required maintenance, parts, testing, cleaning, etc.)	15
Price	25
Additional Options (functionality, availability, and pricing)	10
Warranty	15
Delivery	5
References (Includes Vendor's past performance with WTAFD)	5

8. Pricing.

Note: The quantities are estimated and the Fire Department will determine the actual number when awarding the contract. The Fire Department reserves the right to alter the quantities with pricing adjusted accordingly.

The vendor shall provide a guaranteed purchase price on the items for the number of the items to be purchased for a period of twelve (12) months from the award of the contract.

Item #	Item Description	Estimated Quantity	Purchase Price
1	SCBA w/ regulator, buddy breathing hose, chest strap, heads up display & 4500 psi cylinder – low profile (buckles on pack to be parachute type with seat belt type connection on waist strap)	40	
2	Face Piece	60	
3	Protective storage bag for face piece	60	
4	Spare 45 minute cylinders – low profile	30	
5	Voice amplifiers	60	
6	RIT Pack w/ 60 minute cylinder	2	
7	Complete tracking/accountability program	1	
8	Fit Testing adapter for PortaCount Pro+ Respirator Fit Tester – Model 8038	1	
9	If SCBA comes with rechargeable batteries; cost for extra batteries & charger	12 batteries & 4 chargers	

Indicate here what the annual cost of operation is for a SCBA and what it includes:

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9. Manufacturer's Recommended Optional Equipment.

Items listed below shall have the appropriate price inserted adjacent to each item by the Proponent. Each item shall include all labor, materials, products, equipment, services and respective overhead, profit, disbursements and related charges and represent the amounts which will be added to the Total Price if these items are required to be included in the Contract.

Item #	Item Description	Estimated Quantity	Purchase Price
1			
2			
3			
4			
5			
6			

10. Training.

Vendor shall supply face piece fit testing for proper sizing prior to the delivery of SCBA and related items. This includes sizing for proper face piece and nose cup fit.

The vendor shall supply initial training for field use of SCBA after delivery of all breathing apparatus and related components. Training shall include but not be limited to:

- A. Donning and Doffing
- B. Equipment Use and Operation
- C. Cleaning and Decontamination
- D. Repair and Replacement of Components
- E. Inspection and Evaluation
- F. Warranty and Return

Training will be scheduled in cooperation with successful vendor, but at the convenience of the Washington Township / Avon Fire Department and will include a minimum of three (3) two-hour sessions to operations staff. The successful vendor shall train at least three (3) Washington Township / Avon Fire Department employees to perform field level maintenance. Any training cost shall be itemized and be included as part of the proposal.

11. Reference Form.

Provide a minimum of four (4) references from clients that have purchased SCBA in similar or greater quantity within the past year. The Fire Department reserves the right to contact these references. The Fire Department also reserves the right to consider its own experience with any service provider or contractor that currently has contracts or previously had contracts with the Fire Department. The Fire Department will consider the quality of the delivery of services or supplies.

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Name of Client Organization #1	
Address	
Contact Name and Title	
Telephone Number	
Email Address	
Brief description of SCBA provided and quantity	

Name of Client Organization #2	
Address	
Contact Name and Title	
Telephone Number	
Email Address	
Brief description of SCBA provided and quantity	

Name of Client Organization #3	
Address	
Contact Name and Title	
Telephone Number	
Email Address	
Brief description of SCBA provided and quantity	

Name of Client Organization #4	
Address	
Contact Name and Title	
Telephone Number	
Email Address	
Brief description of SCBA provided and quantity	

12. Delivery.

Complete delivery of all SCBA and related components shall not be longer than 90 calendar days from the award and contract and shall be delivered at the vendor's expense to the Washington Township / Avon Fire Department Headquarters located at:
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13. Terms and Conditions.

It is the intent of the Washington Township / Avon Fire Department to purchase the SCBA equipment in the third quarter of 2019. During final negotiations with the successful bidder, the identification of which items will be purchased will be decided.

Failure to perform the scope of work identified in the awarded contract or failure to meet established performance standards may result in, but are not limited to, the following consequences:

- A. Reducing or withholding payment;
- B. Requiring the vendor to perform, at the vendor's expense, additional work necessary to perform the identified scope of work or meet the established performance standards; or
- C. Declaring a default, terminating the contract and seeking damages and other relief available under terms of the public contract or other applicable law(s).

14. Contacts.

For any questions, clarifications or comments contact may be made with any or all of the following individuals:
Assistant Chief Gerald George, 317-272-2155, ggeorge@avonfd.org
Support Services Director Chris Krahn, 317-272-2155, ckrahn@avonfd.org

15. Compliance with Specification.

Must check either "Compliant" or "Exception" for each line item

NFPA Standard:

COMPLIANT: _____ EXCEPTION: _____

All requirements of NFPA 1981 Standard on Open-Circuit Self Contained Breathing Apparatus for emergency services 2019 Edition are listed in this document by reference. All SCBA units in their entirety (including face pieces, if applicable) must be made compliant with NFPA 1981 2019 Edition.

SCBA Model:

COMPLIANT: _____ EXCEPTION: _____

The proposed SCBA model and face piece must be the latest model offered by the manufacturer.

Face Piece:

COMPLIANT: _____ EXCEPTION: _____

Face piece will be offered in multiple sizes, according to fit test results done prior to order.

Voice Amplification:

COMPLIANT: _____ EXCEPTION: _____

While SCBA is worn, every user will have voice amplification capabilities. No exceptions permitted.

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Cylinder: COMPLIANT: _____ EXCEPTION: _____

All SCBA bottles in the proposal will be 4500 psi, carbon fiber cylinders (low profile, if available).

Back Frame: COMPLIANT: _____ EXCEPTION: _____

The SCBA back frame will be rigid and made of composite or metal material for strength and durability.

Cylinder Retention: COMPLIANT: _____ EXCEPTION: _____

All carbon fiber cylinders will be attached onto the SCBA back frame with a metal locking band, or webbing style strap and composite constructed lock and be able to hold 45 or 60 minute bottles.

Indicator lights: COMPLIANT: _____ EXCEPTION: _____

All operation indicator lights will be visible to the user from all peripheral angles at all sides of the SCBA.

Power Supply: COMPLIANT: _____ EXCEPTION: _____

For ease of maintenance and troubleshooting, the power supply for ALL electronics will be in a central location integrated into the back frame or mounted on the back frame. The energy cells will be rechargeable or disposable and all cells will be of the same size and type.

Waist belt/Lumbar: COMPLIANT: _____ EXCEPTION: _____

For quick removal, the waist strap must be a seatbelt style, quick release buckle.

Shoulder straps: COMPLIANT: _____ EXCPETION: _____

Shoulder straps should connect to the back frame, not the waist strap. Low pressure hoses and any electronic wiring will run through the shoulder straps. A hooking "D" ring should be provided on either the right or left shoulder strap to hook accessory items (including the face piece). Shoulder straps should be field removable in order to be laundered.

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2nd Stage regulator:

COMPLIANT: _____ EXCEPTION: _____

The second stage mask mounted regulator will connect to the face piece and be of a "dual action" design. Upon removal from the facemask, one of the two actions must turn off donning switch/stop airflow. When connected to the face piece, the purge valve on the mask mounted regulator must be on the left side of the users mask from the perspective of the user.

Shoulder gauge:

COMPLIANT: _____ EXCEPTION: _____

The shoulder air pressure gauge/PASS alarm will be of digital and pneumatic display design. In the event of an electronics failure, the user will have the ability to check air pressure using the pneumatic gauge. No exception.

Buddy Breathing:

COMPLIANT: _____ EXCEPTION: _____

The buddy breather system should be secured to the back frame or lower harness with a heavy duty pouch utilizing Velcro and snaps.

Warranty:

COMPLIANT: _____ EXCEPTION: _____

A minimum of a 15 year warranty is required on all components included in the SCBA system (except consumables).

Vendor/Service:

COMPLIANT: _____ EXCEPTION: _____

For quick service of unexpected emergency repairs, the Bidder shall have a service or repair facility within 50 miles of the Washington Township / Avon Fire Department Headquarters, located at: 311 Production Drive, Avon IN 46123. The Bidder shall offer on-site repair as an option for quick turnaround of SCBA removed from service. Loaner SCBA shall be provided by the Bidder in the event that SCBA's are removed from service due to manufacturer defects.