



**PLATTEVILLE FIRE DEPARTMENT
PLATTEVILLE, WI**

**REQUEST FOR PROPOSAL (RFP) AND
SPECIFICATIONS FOR THE PURCHASE
OF THIRTY-NINE (39) SELF-CONTAINED
BREATHING APPARATUS (SCBA)**

SELF-CONTAINED BREATHING APPARATUS (SCBA) PROPOSAL FORM

PLATTEVILLE FIRE DEPARTMENT

The undersigned vendor hereby proposes to furnish new, commercially produced Self-Contained Breathing Apparatus (SCBA) in accordance with the Platteville Fire Department's specifications and the vendor/manufacture's detailed specifications incorporated herein. Any exceptions to the Platteville Fire Department's specifications are listed on the following exception page(s).

It is agreed by the undersigned that the signing and delivery of this proposal represents the bidder's acceptance of the terms and conditions of the attached specifications and provisions and, if awarded this contract, will represent the agreement between the parties.

SCBA Manufacturer:

Authorized Agent (Vendor):

Company Name

Company Name

Address

Address

City, State, Zip Code

City, State, Zip Code

Telephone Number

Telephone Number

Thirty-Nine (39) SCBA sets as per these specifications. Each consisting of one (1) SCBA unit, one (1) Facepiece, and two (2) Air Cylinder

\$ _____

Sixteen (16) Additional Facepieces

\$ _____

Total Project Cost.

\$ _____

Proposals are due Wednesday, December 27, 2023 at 3:00 pm local time.

Delivery of the completed SCBA units, facepieces, and air cylinders is to be made within 60 calendar days from the acceptance of the bid by the Platteville Fire Department. (unless specified)

Failure to deliver all equipment in the time quoted above, without the expressed permission of the purchaser will constitute a breach of contract and said agreement may be voided.

**ACCESSORY PRICING FORM
PLATTEVILLE FIRE DEPARTMENT**

Please list your unit cost for each of the SCBA accessories listed below. For those accessories not available, indicate "N/A" in the pricing column.

1. Additional facepieces as per bid specification \$ _____
2. Emergency Breathing Safety System (EBSS) compliant with NIOSH and NFPA 1982, 2018 edition. System to be waist-mounted in a secure pouch. \$ _____
3. Integrated Thermal Imaging Camera option \$ _____
4. Rechargeable battery packs for SCBA \$ _____
5. Charging system for rechargeable SCBA battery pack system. System will charge _____ battery pack(s) simultaneously. \$ _____
6. Quick fill RIC hose for SCBA. System to be in a waist-mounted secure pouch. \$ _____
7. Quick Coupler Fill Station Adapter \$ _____

EXCEPTION PAGE

List all exceptions by specification line number and describe the nature of the exception being taken. Use additional pages if necessary.



PLATTEVILLE FIRE DEPARTMENT Self-Contained Breathing Apparatus (SCBA)

Request for Proposals

Section 1: General

The Platteville Fire Department is seeking sealed proposals from qualified vendors and/or manufacturers to supply thirty-nine (39) new self-contained breathing apparatus (SCBA) and sixteen (16) additional facepieces. The final quantity and accessory items purchased may be different based on the awarded contract price for each item. This purchase is funded through a 2022 FEMA Assistance to Firefighters Grant. Specifications and all contract documents are provided herein.

Bidders shall provide a detailed proposal with all required sections as specified. Any exceptions to the specifications presented herein must be clearly described on the exception page(s), otherwise, it will be considered that all SCBA offered will be in strict compliance with these specifications. Any vendor failing to meet the obligations required upon acceptance of a proposal by the Platteville Fire Department may be required to pay damages to the Platteville Fire Department in conjunction with their failure.

Section 2: Proposal Information

Vendors must complete all information requested on the proposal form. Sealed proposals will be accepted until 3:00 p.m. local time on Wednesday, December 27, 2023. Proposals will be opened at 2:30pm at the Platteville Fire Department and read aloud on Thursday, December 28, 2023. All proposal packages shall be clearly marked **"SCBA PROPOSAL"** on the front. Sealed proposals must be sent or delivered to:

Platteville Fire Department
Chief Ryan Simmons
275 E. Main Street
Platteville, WI 53818

By signing the proposal form, the vendor acknowledges that said proposal is made without any understanding, agreement or connection with any other person, firm or corporation submitting a proposal for the same purpose and that said proposal is in all respects fair and without collusion or fraud. The Platteville Fire Department reserves the right to accept or reject any or all proposals, waive any informality, and accept the proposal which it deems most favorable to the interests of the Department. No proposals shall be withdrawn for a period of sixty (60) days after December 27, 2023 without the consent of the Department.

Questions concerning these specifications or proposal requirements should be directed to:

Chief Ryan Simmons
Platteville Fire Department
Platteville, WI 53818
(608) 348-7826

Documents required to be supplied with the vendor proposal include the following:

- ✓ Proposal Form – completed and signed as required (page 1).
- ✓ Accessory Pricing Form (page 2).
- ✓ Exceptions Page(s) detailing any exceptions to the Platteville Fire Department specifications. For each exception, the vendor must explain the details of the exception and offer, if available, an alternative feature.
- ✓ Copy of certification to NFPA 1981, 2019 edition from the issuing agency.
- ✓ Detailed specifications for the SCBA being bid and any accessories where pricing was provided on the accessory pricing page.
- ✓ Detailed narrative describing anticipated delivery schedule, method of shipping and any services that will be provided by the vendor and/or manufacturer to assist with implementing the SCBA and any ancillary equipment into service.
- ✓ Detailed narrative describing the warranty provided by compressor manufacturer and the maintenance capabilities of the manufacturer and vendor. Discussion should include information outlining:
 - Duration of warranty – delineated by components as necessary.
 - Specific listing of any components not covered by warranty.
 - Any maintenance agreements (with cost) offered by the proposer.
 - Location, capacity, and capabilities of compressor repair facilities.
 - Response time and anticipated turnaround time for repairs.
 - Availability and hours of operation of online and/or telephone based technical support.
 - Availability & cost of loaner SCBA program or other services to reduce downtime.
- ✓ Detailed narrative that describes the recommended training plan that the Platteville Fire Department should implement in support of the new SCBA. The plan shall address initial and ongoing training needs and include training to be provided to the Fire Department by the proposer (including timing, duration & capacity of sessions, and any costs to the Department).

- ✓ Detailed narrative that provides specific information on the anticipated cost of ownership of the proposed SCBA over the life of the unit. Discussion shall include:
 - Initial product cost.
 - All recommended preventive maintenance requirements including required intervals and anticipated cost.
 - All testing procedures required as per NFPA and regulatory compliance. Discussion shall include:
 - Recommended or required testing intervals.
 - Per unit test cost – including parts & labor.
 - Test location and any transportation costs associated with testing.
 - Anticipated repair maintenance costs for consumable items such as facepiece components, rechargeable battery pack(s), etc. Discussion shall itemize the anticipated wear items, their expected service life, and replacement cost.
 - Anticipated spare parts inventory recommended to have on site to support reliable uptime. Discussion shall include an itemized list of parts, recommended inventory, and their cost.
- ✓ Reference list (with name and contact information for Fire Chief) providing a minimum of five (5) fire departments that have purchased the SCBA model proposed in the bid within the previous 12 months.

Section 3: Delivery, Documentation & Training

The order is to be shipped or delivered to the Platteville Fire Department, 275 E. Main Street, Platteville, WI 53818 with all shipping costs included in the bid pricing. The order is to be delivered in entirety as one package on the same date – the Fire Department will not accept partial shipments. The complete order shall be received within 60 days from the date of order unless the vendor gives prior notice to the Fire Department and the Department accepts the later delivery date. Delivery must be during the Department's normal office hours of Monday – Friday between 8:00 am - 4:00 pm.

Documentation to be supplied at the time of delivery includes a quality assurance test report for each component delivered and a minimum of four (4) copies of the following:

- User manual for each component.
- Care and maintenance instructions for each component.
- Warranty for each component.

The Platteville Fire Department reserves the right to inspect any and all materials, components, equipment, supplies, services or completed work specified herein. Any of said items not complying with these specifications are subject to rejection at the option of the Fire Department. Any items rejected shall be removed from the premises of the Fire Department and/or replaced at the expense of the vendor.

The vendor shall provide training for all members of the Fire Department. The training shall instruct all Fire Department personnel in the operation and maintenance of the SCBA. Training sessions shall occur on days mutually agreeable to both the bidder and the Fire Department.

Section 4: Selection Process & Criteria

The Fire Department will review all proposals received as part of a structured evaluation process. The purpose and intent of the process is to determine which proposal best meets the Fire Department's current and future needs including interoperability capabilities with surrounding fire departments.

The Fire Department will evaluate all responses to the RFP that meet the submittal requirements and deadline. Submittals that do not meet the minimum requirements or deadline will not be considered.

Proposals will be evaluated and ranked based on the following criteria described below:

4.1 Technology / Equipment Functionality:

- a. SCBA is the manufacturer's newest and most technologically advanced product.
- b. Status of product life cycle of vendor's SCBA with respect to competition.
- c. Technical components of the SCBA as required by the Fire Department.
- d. Capability and functionality of each proposed operational feature.
- e. Capability to standardize the type of SCBA by our neighboring fire departments for interoperability.

4.2 Delivery Plan:

- a. Feasibility and timeliness of delivery schedule.
- b. Degree of assistance to be provided to the Fire Department by the vendor during implementation of the new SCBA.

4.3 Training:

- a. Level of on-site training provided at implementation of new SCBA.
- b. Vendor's availability/willingness to provide future training.
- c. Availability/quality of training materials provided by vendor.

4.4 Maintenance and Support:

- a. Vendor's capability / experience in providing maintenance service.
- b. Vendor response time / proximity of service center / number of trained technicians.
- c. Turnaround time for repairs / quality and depth of spare parts inventory
- d. Availability of technical support via telephone, online, etc.

4.5 Warranty:

- a. Meets the minimum warranty requirements as specified under the specifications section of this RFP (Section 5).

4.6 References:

- a. Demonstrated ability to successfully provide equipment of comparable complexity and quantities as described in this RFP to other municipal fire departments or fire protection districts.

4.7 Cost:

- a. Projected cost of ownership.

Section 5: Specifications

5.1 Intent:

The intent of this specification is to purchase new, NFPA 1981, 2019 edition compliant SCBA and accessories including delivery of all said purchases and training on their operation and maintenance. Proposals shall only be considered for companies that have an established favorable reputation in the field of SCBA manufacturing. Each bidder shall furnish satisfactory evidence of its ability to construct the SCBA as quoted and render prompt service and/or replacement parts as needed.

5.2 Compliances:

All SCBA and accessories 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) with a 30-minute rated service life and compliance with all requirements of NFPA 1981, 2019 edition Standard on Open-Circuit Self-Contained Breathing Apparatus for Emergency Services and NFPA 1982, 2018 edition Standard on Personal Alert Safety Systems (PASS).

5.3 Detailed Specifications:

The following specifications represent the Fire Department's minimum requirements for the purchase of SCBA. Products containing alternate specifications must meet or exceed these requirements. Vendors that are interested in proposing equal or better than alternatives shall include detailed information on the proposed product with their bid submittal. The overall safety of the Platteville Fire Department's firefighters and the efficiency of operations will weigh heavily in the final determination of the acceptability of alternate products during the review process and the Department's decision shall be final.

Component	Required Features
Overall:	
Standards/Compliance:	<ul style="list-style-type: none">• SCBA shall meet requirements set forth in NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services – 2019 edition.• SCBA shall meet requirements set forth in NFPA 1982, Standard on Personal Alert Safety Systems (PASS) – 2018 edition.• SCBA shall be 42 CFR Part 84 certified by NIOSH to provide chemical, biological, radiological and nuclear (CBRN).• SCBA shall pass intrinsic safety testing UL913 8th edition.• SCBA shall be of the open-circuit compressed air pressure demand (positive pressure) type.

Features/Technology:

- Proposed SCBA must be the latest model and technology offered by the manufacturer.
- SCBA shall have a single rechargeable power source that operates all electronics including Heads Up Display, PASS, Control Module, Voice Amplification System, Indicator Lights, and Radio Interface option.
- No accessory or feature may use a power source separate from the central power supply.
- Control module shall be programmable by end user and have both an analog pressure gauge and color LCD digital display.

Facepiece:

Size/Fit:

- A minimum of three (3) facepiece sizes must be available to fit all wearers.
- Multiple nose cup sizes must be available.

Maintenance/Care:

- Facepiece must include a protective bag for storage.
- Facepiece harness must be fabric with a multi-point strap that is replaceable without the use of special tools.

Configuration/Electronics:

- Facepiece lens shall be one piece and constructed of impact resistant polycarbonate material in a double curve design; it shall be optically correct and have permanent anti-fog and hard coating.
- No electronics, modules, or batteries to be located in or mounted to facepiece.
- Connection to the second stage regulator must be either push in or quarter turn and require a single hand to be accomplished.

Heads-Up Display:

Features / Technology:

- To be located in/on the second stage regulator.
- Visual indicators must be located so that they are viewable by the wearer and others viewing the wearer's facepiece.
- Features to be programmable by purchaser.

Voice Amplifier:

Features / Technology:

- Voice amplifier to be integrated into SCBA and included with every unit as a standard feature.
- Breathing noise reduction/removal to be provided by technology.

Cylinder:

Pressure/Capacity:

- Cylinder Bottles to be 4500 psi.
- Cylinder bottles to be 30-minute capacity.

Construction /
Configuration:

- Cylinders shall be lightweight carbon wrapped composite construction.
- Cylinder hand wheel shall be of the non-ratchet or locking type.
- Cylinder shall have a quick connect fitting adapter for the CGA threaded connection included.

Backplate/Harness/Carrier Assembly:

Design/Construction:

- Composite or metal backplate frame is acceptable.
- Universal cylinder band shall be made of metal and adjustable in the field without tools so as to accommodate all cylinder sizes.
- Waist belt connection is to be of the seat belt type.
- Waist band is designed for firefighter comfort with features including swivel and height adjustment capabilities at the connection to the frame.
- Shoulder pads shall have sleeves with reflective graphics for the routing of pneumatic hoses and electrical cable that are accessible through snap buttons.
- All straps shall be constructed such that they can be easily loosened/tightened with a gloved hand.
- Harness shall have flashing indicator lights that indicate status of heads-up display and PASS alarm.
- Indicator lights shall be visible from top/front, bottom/rear, and both sides.

Warranty/Service:

Duration/Coverage:

- Warranty shall cover entire SCBA with the exception of consumables for a period of 15 years.

Service:

- Mobile service to be available through the vendor.
- Service facility to be located in the Southwest Wisconsin area.