



Beauregard Parish Fire District 4

PO Box 608 DeRidder, LA. 70634
855-527-4347 or 337-343-2171

BEAUREGARD PARISH FIRE DISTRICT 4 (District), a public corporation, is seeking sealed bids from qualified vendors and/or manufacturers to supply thirty-six (36) new self-contained breathing apparatus (SCBA) and eight (16) additional facepieces. The final quantity and accessory items purchased may be different based on the awarded contract price for each item.

Bidders shall provide a detailed bid 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. SCBA that fail to meet the minimum specifications will not be considered and/or accepted. Any vendor failing to meet the obligations required upon acceptance of a bid by the District may be required to pay damages to this District in conjunction with their failure.

Vendors must complete all information requested on the bid form. Sealed bids will be accepted until 3:00 p.m. local time on Friday, August 31st, 2018. Bids will be opened and read aloud at that time. All bid packages shall be clearly marked "SCBA BID" on the front. Sealed bids must be sent or delivered to:

Tammy Wilson
201 W. Second St
DeRidder LA 70634

By signing the bid form, the vendor acknowledges that said bid is made without any understanding, agreement or connection with any other person, firm or corporation submitting a bid for the same purpose and that said bid is in all respects fair and without collusion or fraud. The Board of Commissioners of BEAUREGARD PARISH FIRE DISTRICT 4 reserves the right to accept or reject any or all bids, waive any informality, and accept the bid which it deems most favorable to the interests of the District. No bids shall be withdrawn for a period of sixty (60) days after Friday, August 31st, 2018 without the consent of the District.

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

Chief Eric Stracener
BPFD 4
P.O. Box 608
DeRidder, LA 70634
337-343-2171
estracener@bpfd4.org



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

- Bid Form – completed and signed as required (page 1).
- Accessory Pricing Form (page 2).
- Exceptions Page(s) detailing any exceptions to the GRLFPD 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 1981-2013 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 SCBA 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 SCBA 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 Fire District should implement in support of the new SCBA program. The plan shall address initial and ongoing training needs and include training to be provided to the Fire District by the proposer (including timing, duration & capacity of sessions, and any costs to the District).
- 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 packs etc. Discussion shall itemize the anticipated wear items, their expected service life and replacement cost.
 - Anticipated spare parts inventory required to have on site to support reliable SCBA uptime. Discussion shall include an itemized list of parts, recommended inventory and their cost.
- Certificate of Insurance or affidavit indicating a minimum of \$3,000,000 product liability insurance.



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Delivery, Documentation & Training

The order is to be shipped to BEAUREGARD PARISH FIRE DISTRICT 4, 354 Three Pines Church Road, DeRidder, LA 70634 with the vendor paying all shipping costs. The order is to be delivered in entirety as one package on the same date – the Fire District will not accept partial shipments. The shipper will notify the Fire Chief at 337-343-2171 of the exact date and approximate time of delivery so that sufficient personnel will be on hand to unload the shipment. The complete order shall be received within 90 days from date of order unless the vendor serves prior notice to the District and the District accepts the later delivery date. Delivery must be during the District's normal office hours of Monday – Friday between 8:00 am - 5:00 pm

Documentation to be supplied at the time of delivery includes:

- A quality assurance test report for each individual SCBA delivered
- And four (4) copies of the following:
 - User manual for each component.
 - Care and maintenance instructions for each component.
 - Warranty for each component.

The District 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 District. Any items rejected shall be removed from the premises of the District and/or replaced at the expense of the vendor.

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

Selection Process & Criteria

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

A review committee will evaluate all responses to the request for bids that meet the submittal requirements and deadline. Submittals that do not meet the minimum requirements or deadline will not be considered.



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Cost Analysis

Thirty six (36) SCBA sets as per these specifications, each consisting of one (1) SCBA unit, two (2) Cylinder and one (1) Facepiece.	Each \$ _____ Total \$ _____
Sixteen (16) additional facepieces.	Each \$ _____ Total \$ _____
4- Complete rit packs with 4500 psi cylinders, 1st and 2nd stage regulators, mask and all necessary hoses, fittings, connections and adapters to intergrate with MSA, Scott, ISI, Dragger, and Interspiro SCBA.	Each \$ _____ Total \$ _____
Total Project Cost \$ _____	

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.

Additional Facepieces as per bid specification.	\$ _____
Interface for Motorola XTS 2500 I portable radio (if available).	\$ _____
Hardware and/or software for scene accountability and tracking of individual SCBA.	\$ _____
SCBA integrated thermal imaging system. (if available).	\$ _____



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SELF-CONTAINED BREATHING APPARATUS (SCBA) BID FORM

The undersigned vendor hereby proposes to furnish new, commercially produced Self-Contained Breathing Apparatus (SCBA) in accordance with the Beauregard Parish Fire District 4's specifications and the vendor/manufacture's detailed specifications incorporated herein. Any exceptions to the Beauregard Parish Fire District 4's specifications are listed on the following exception page(s). It is agreed by the undersigned that the signing and delivery of this Bid 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

Vendor Signature

Bids are due Friday, August 31st, 2018 at 3:00 pm local time.

Delivery of the completed SCBA units and facepieces is to be made within Ninety (90) calendar days from the acceptance of the bid by Beauregard Parish Fire District 4.

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.

Beauregard Parish Fire District 4 SCBA Bid Requirements

BPFD 4 SCBA Specification

NFPA 1981/1982 Compliant SCBA (Self-Contained Breathing Apparatus) Requirements: The purpose of this specification is to establish the minimum requirements for an open-circuit self-contained breathing apparatus (SCBA). The SCBA shall consist of the following major sub-assemblies:

mask assembly	Pneumatic remote gauge indicating cylinder pressure
mask mounted, positive pressure second stage regulator	first stage regulator
Harness and back frame assembly	End-of-service time indicators
Rapid intervention crew/ universal air connection (RIC/UAC) near cylinder valve	Cylinder and valve assembly for storing breathing air.

The successful bidder must be authorized by the manufacturer, to sell the equipment specified herein. A signed document from the manufacture must be included with the bid. The successful bidder agrees to provide, at their own expense, a factory and authorized trainer for such time as the respirator user shall require complete instruction in the operation and maintenance of the respirator.

Any exceptions to these requirements must be listed in the appropriate column and detailed in a separate attachment. Failure to comply with these instructions may result in disqualification. However, it is not the intention of this district to limit by specification any qualified manufacturer or seller from participating in the bid process. If any of the specifications herein are found to be proprietary please explain in your exception what makes it so and how your product remedies said feature or function.

The SCBA shall be NIOSH/CBRN approved and NFPA1981, 2013 edition and NFPA 1982, 2013 edition compliant as bid below. Failure to meet these requirements will result in automatic removal from consideration.

Requirements	Meets Requirement	Does Not Meet Requirement	Exception
Mask			
The mask shall provide a single action to start the flow of air providing positive pressure to the mask			
The single action transition from standby to positive pressure to be conducted within 2 seconds by a user in zero visibility.			
The mask shall be easy to breath when donned and in a stand-by condition (no air flow)			
Regulator shall be attached to each mask provided to remove any risk of cross contamination. Exhalation valves mounted in the face piece will not be considered as there is no indication of failure and may result in cross contamination.			
The mask shall be available in multiple sizes (at least three) to enable fit of varying facial dimensions.			
The masks 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, 2013 edition			
The mask shall have adjustments that enable rapid donning of emergency equipment			

Beauregard Parish Fire District 4 SCBA Bid Requirements

Requirements	Meets Requirement	Does Not Meet Requirement	Exception
The mask shall contain inhalation valves at a location that is easy to identify their condition and presence.			
The lens shall be replaceable, double curve, high impact poly material.			
The mask shall contain a mechanical voice transmission device that is 55 mm in diameter mounted in the front of the mask to push sound in the direction the user is facing.			
The lens shall meet the lens abrasion requirements of NFPA 1981, 2013 edition.			
The lens shall have an internal anti-fog coating to reduce fogging of the lens.			
The mask assembly shall contain a standard microphone to provide the best radio and voice amp communication available.			
The head harness shall be constructed of material designed for fire and heat resistance			
Regulator Requirement			
The regulator and mask shall be combined providing the highest level of cross-contamination protection.			
Regulator shall contain a quick connect making repair as simple as "plug and play".			
The quick connect shall be easy to connect/disconnect in both a pressurized or depressurized state.			
The quick connect shall be easy to connect/disconnect in low light conditions.			
The quick connect shall be of a design that prevents accidental disconnection.			
The mask and regulator shall be certified for use within an CBRN atmosphere.			

Beauregard Parish Fire District 4 SCBA Bid Requirements

Requirements	Meets Requirement	Does Not Meet Requirement	Exception
The mask and regulator must be made of high impact, high temperature thermal plastics.			
Mask shall be able to be decontaminated without requiring removal of permanently mounted respirator accessories.			
Mask and regulator components shall be constructed of materials with properties with lowest vulnerability to corrosion.			
The regulator shall provide a single action to start the flow of air providing positive pressure to the mask			
The single action starting the flow of air must be able to be conducted within 15 seconds by a user in zero visibility.			
The mask shall be easy to breath when donned and in a stand-by condition			
The voice amplifier shall function normally and without feedback with the mask in a stand-by and positive pressure mode.			
The low air indicator shall not negatively impact local communications			
The low air indicator shall not impair radio communications			
Any audible low air indicators shall not be located within 6 inches of communication diaphragms or communication accessory microphones			
The regulator shall provide a single action to start the flow of air providing positive pressure to the mask			
The single action starting the flow of air must be able to be conducted within 2 seconds by a user in zero visibility.			
The mask shall be easy to breath when donned and in a stand-by condition			
The voice amplifier shall function normally and without feedback with the mask in a stand-by and positive pressure mode.			
The low air indicator shall not negatively impact local communications			
The low air indicator shall not impair radio communications			
Reducer Requirement			
The pressure reducer/first stage regulator shall be of a redundant system design			
The reducer shall be a fail open design			
The first stage system shall have an automatic re-seating relief valve that protects the system from over pressurization			

Beauregard Parish Fire District 4 SCBA Bid Requirements

Requirements	Meets Requirement	Does Not Meet Requirement	Exception
The reducer/first stage regulator shall receive air from the cylinder via an internal shielded hose			
CGA coupling should be of a design to provide sure grip during tightening/loosening			
CGA connection shall be protected from ice buildup by design			
All pressure reducer components shall be designed for high temperature firefighting operations			
Alarms/Indications			
The SCBA shall provide lights located on the front and back of the SCBA that provide user status indication.			
Heads Up Display (HUD) shall provide bi-directional LED's presenting general indication of pressure to users as well as team personnel.			
The system shall have a minimum two End of Service Time Indicators (EOSTI's).			
One EOSTI shall be the heads up display (HUD).			
One EOSTI shall be pneumatic which shall operate without the need for electronics.			
The HUD shall be positioned in the users viewing area.			
The HUD shall have minimal to no impact in the vertical field of view.			
SCBA Support Frame and harness			
The frame and support harness shall provide relatively easy surface to clean, free from multiple attachment points, accessory mountings, etc.			
Quick fill RIC hose for SCBA. System is to be waist-mounted in a secure pouch.			
The support frame shall be capable of holding, supporting, and connecting to Avon, Scott, MSA, Drager, and other CGA threaded SCBA cylinders. The cylinders may be of a variety of pressures and durations.			
The support frame shall hold cylinders of 30, and 45 minute durations.			

Beauregard Parish Fire District 4 SCBA Bid Requirements

Requirements	Meets Requirement	Does Not Meet Requirement	Exception
The support frame shall be designed so that the weight of the SCBA can be supported by the user's hips/legs.			
The support frame shall be designed for user comfort with wide shoulder pads that spread the weight of the SCBA over a wider area of the users shoulders.			
The support frame shall be designed for user comfort with wide waist straps that spread the weight of the SCBA over a wider area of the user's hips.			
Electronics			
Electronic assemblies, including the voice amplifier, shall be warranted for a period no less than 10 years			
All SCBA shall be equipped with voice communication system which will provide loud and clear communications with team members.			
All SCBA shall be equipped with an NFPA 1982, 2013 edition compliant SCBA integrated PASS device			
All Cylinders shall be 4500 PSI / 45 minute Carbon fiber composite cylinders.			
Description and Quantities 36- 4500 PSI SCBA each with mask and 2 4500 PSI 45 min Cylinders 12- Spare masks Protective bags for each mask purchased 4- Complete rit packs with 4500 psi cylinders, 1st and 2nd stage regulators, mask and all necessary hoses, fittings, connections and adapters to intergrate with MSA, Scott, ISI, Dragger, and Interspiro SCBA.			



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EXCEPTION PAGE

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

