



## NOTICE TO INVITE BIDS PURCHASE OF SELF CONTAINED BREATHING APPARATUS

### 1. Purchase Description

The Rancho Santa Fe Fire Protection District (District) is seeking qualified bidders to submit proposals for the replacement of 42 SCBA Packs (with mask and cylinder) and 42 Spare Cylinders (30 Minute, 4500 PSI).

### 2. Trade In Value

The District is seeking trade-in consideration of their existing SCBA's and related components. Credit from the trade-in of equipment can be used to purchase SCBA's and or peripheral SCBA equipment (spare cylinders, masks, etc.). Draeger SCBA's are currently in use.

District's current inventory:

- 41 1997 Draeger Airboss Evolution – features Sentinel, buddy breather, CBRN LDV
- 42 Older style (pre-CBRN) LDV's
- 155 30 minute air cylinders
- 69 Panorama Nova P masks
- 48 BA Comm voice amplifiers

All inventory is a close approximate. If these SCBA's and their components can receive trade-in value, please include it on a separate sheet, and not with the official bid.

Bidder will be responsible for the retrieval of all SCBA and components should they so desire to accept them for trade-in value. Retrieval of the equipment shall not be performed until the delivery, fit testing, and training of the newly delivered SCBA's and equipment.

### 3. Receipt and Opening of Bids

- A. Notice is hereby given that sealed proposals (walk-in or mailed) will be received by 3:00 PM (PST) on February 3, 2011 at the Rancho Santa Fe Fire Protection District, Administration Building, 16936 El Fuego, Rancho Santa Fe, CA 92067 for the purchase of self contained breathing apparatus (SCBA) Attention: Chief Sturtevant.
- B. Mailing Address: PO Box 410, Rancho Santa Fe, Ca. 92067 Attention: Chief Sturtevant

- C. Any bid received after the time and date above shall not be considered and shall be returned to bidder unopened. Bids received via FAX machine or any other electronic means shall not be considered.

#### 4. Preparation of Bids

- A. **Bid format:** Bids must be typewritten or prepared in ink and must be submitted on the forms provided in this notice.
- B. **Conformance to bid requirements:** Bidders shall comply with and agree to all instructions in this notice. All necessary attachments must be submitted with the bid in the required format. Failure to comply with all requirements may result in bid rejection.
- C. **Exceptions:** Any deviation from the bid specifications, plans, terms and conditions may result in bid rejection.
- D. **Signature on Bid:** Bids must be signed in ink by an authorized representative of the bidder and notarized. Signature on a bid certifies that the bid is made without connection to any person, firm or corporation making a bid for the same project and is in all respects fair and without collusion or fraud. Signature on the bid also certifies that bidder has read and fully understands all bid specifications, plans, terms and conditions.
- E. **Bid Withdrawals:** Bids may be withdrawn in writing on company letterhead signed by an authorized representative and received in the District's Administrative offices prior to the deadline. Bids may be withdrawn in person before bid closing time upon presentation of appropriate identification.

#### 5. Selection and Award of Bid

- A. **Award of Purchase Contract:** The award of the purchase contract, if awarded, will be to the lowest and best responsible bidder, whose proposal complies with the requirements prescribed in this notice. Such award, if made, will be made within (30) thirty calendar days after the opening of proposals. In determining the lowest responsible bidder, the following shall be taken into consideration:
  - Quality, safety and suitability features of the item; The SCBA shall be approved by NIOSH/MSHA as a positive pressure breathing apparatus and meet all requirements set forth in the NFPA 1981, 2007 edition "Standard on Open-Circuit Self-Contained Breathing Apparatus for Fire and Emergency Services", and the NFPA 1982, 2007 edition for "Personal Alert Safety Systems (PASS)". The cylinders shall meet all US Department of Transportation specifications for carbon fiber, fully wrapped cylinders and shall include a cylinder valve. The cylinder and valve assembly when installed on the SCBA shall maintain the NIOSH/MSHA approval for each SCBA.

- Total life cycle cost of the equipment; service and maintenance, i.e. batteries, computer software...
  - Delivery, discount terms and all other conditions submitted in the bid;
  - Bidders' ability to provide cost effective quality and timely support for technical education, repairs and any possible future equipment up-grades following the award of contract.
- B.** The competency and responsibility of bidders will be considered in making the award. The District reserves the right to reject any or all bids or to reject any bidder who, in the judgment of the buying authority is not in a position to perform the contract. The equipment specifications, together with any other documents required herein, shall be included in the final contract. Each bidder shall submit a copy of his/her proposed contract form. The District reserves the right to reject a bid based on unacceptable provisions of a bidder's contract. The District has no obligation to accept the lowest or any bid.
- C. Bid Results:** A summary of all bids received will be open for public inspection on the District's website and Administrative Offices for a period of 30 days after the bid opening.
- D.** Bidders shall direct all questions during the bid period to Battalion Chief Jim Sturtevant. Attention: Jim Sturtevant at (858) 756-6004 or email at [Sturtevant@rsf-fire.org](mailto:Sturtevant@rsf-fire.org).

**6. Bid Contents**

- Section A: Terms and Conditions**
- Section B: Specifications**
- Section C: Bid Proposal Form**
- Section D: Exceptions to Specifications and Options**
- Section E: Additional Information**
- Section F: Non-Collusion Affidavit**
- Section G: References Regarding and Support**

Dated: \_\_\_\_\_, 2010

Rancho Santa Fe Fire Protection District

By: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Its: \_\_\_\_\_

**SECTION A**  
**TERMS AND CONDITIONS**

**REQUIRED BID INFORMATION**

The self contained breathing apparatus and supporting equipment to be furnished in meeting these specifications must be the product(s) of an established, reputable manufacturer, having proven experience. Each bidder shall furnish satisfactory evidence of the manufacturer's ability to construct, supply, service parts and provide technical assistance for the products specified.

**ACCEPTANCE**

Acceptance shall be made at the time all equipment/material is operational and in proper working order as determined by and to the satisfaction of the District. Acceptance of the equipment/material shall be determined on the basis of technical completeness, performance and adherence to the operational requirements and functions of the specifications.

**EXCEPTION**

These specifications are based upon design and performance criteria which have been researched and analyzed by the District. Therefore, major exceptions to these specifications will not be accepted.

All bids shall include a complete set of detailed manufacturer's specifications. District standards for bidding must be strictly adhered to and all bid forms and questions must be complete and submitted with the bid proposal. Omissions and variations shall result in rejecting of the bid.

No substitutions, deviations or exceptions from these specifications will be accepted pertaining to the performance information and thickness of materials. Such data will be furnished in the bidder's specifications.

To the right side of each section for a particular specification (refer pages 7 through 14), the bidder shall state "YES" or "NO" indicating the exact compliance with the specification. All deviations, no matter how slight, shall be clearly explained in Section D (Exceptions to the Specifications). Any exceptions or variations to these specifications set forth in Section D must indicate the page number(s) of the specifications and must be submitted with the bid. Any bids deemed as taking total exception to these published specifications shall result in rejection of the bid.

Proposals that are found to have deviations without listing them will be rejected.

If awarded, the selected bidder shall supply proof of product liability and facility insurance equal to, or exceeding \$5,000,000.00. District may choose to waive this provision.

## **WARRANTIES**

Unless otherwise stated, all equipment shall be a new recent model and shall carry full factory warranties. Contractor warrants all equipment and supplies delivered to be free from defects in labor, material and manufacture and to be in compliance with the warranty stipulated in the bid specifications. All implied and expressed warranty provisions of the Uniform Commercial Code are incorporated in this contract. All warranties shall run to the District.

## **SERVICE AND WARRANTY SUPPORT**

To insure full dealer support for service after the sale, the selling dealer must be capable of providing full factory service when required. The bidder must state the location of its authorized service center. The service center must have a staff of factory-trained personnel. The service center must be within a reasonable distance of the District and provide spare SCBA's when service is needed. Please provide this information in Section E

## **DELIVERY**

All deliveries shall be F.O.B. destination with all transportation and handling charges prepaid by the Contractor. Responsibility and liability for loss or damage shall remain with contractor until final inspection and acceptance by the District when responsibility shall pass to the District except as to latent defects, fraud and contractor's warranty obligations.

## **LICENSES**

The bidder must have any and all current licenses required by the State of California to conduct business in the State. The successful bidder shall defend against any and all litigation; assume all liability for the use of any patented process, advice or article forming a part of the equipment furnished under contract.

## **PENALTY CLAUSE**

There shall be a \$100.00 per day penalty for each day the equipment exceeds the contract delivery date. This calculation will begin on the date the purchase agreement or contract is signed by the vendor. The successful vendor may request an extension to the delivery date. Extensions are at the sole discretion of the District.

THE RANCHO SANTA FE FIRE PROTECTION DISTRICT WILL NOT ACCEPT BIDS WHICH DO NOT MEET THESE SPECIFICATIONS AND IS THE SOLE DECIDER TO DEEM WHICH BID(S) IS/ARE IN THE BEST INTEREST OF THE DISTRICT.

**SECTION B**  
**SPECIFICATIONS**

***GENERAL: It is the intent of these specifications to describe the minimum requirements for Self Contained Breathing Apparatus.***

All equipment/options are to be factory installed. Special items needed to bring the equipment to the specifications herein shall be accepted only if they are the manufacturer's regular or approved factory options.

The Self Contained Breathing Apparatus shall meet or exceed the construction and performance specifications described in the following specifications.

Any deviations from the specifications set forth herein shall be noted and explained in Section D, Exceptions to the Specifications.

In order to receive full consideration, bid must follow these Specifications, the Invitation to Bid's Instructions and the Terms and Conditions.

SPECIFICATIONS: To be satisfied by bidder and attached to Section C (Bid)

**Self Contained Breathing Apparatus**

Specifications Scope of request for this project included the following minimum standard:

I. The SCBA shall be approved by NIOSH/MSHA as a positive pressure breathing apparatus and meet all requirements set forth in the NFPA 1981, 2007 edition "Standard on Open-Circuit Self-Contained Breathing Apparatus for Fire and Emergency Services", and the NFPA 1982, 2007 edition for "Personal Alert Safety Systems (PASS)". The cylinders shall meet all US Department of Transportation specifications for carbon fiber, fully wrapped cylinders and shall include a cylinder valve. The cylinder and valve assembly when installed on the SCBA shall maintain the NIOSH/MSHA approval for each SCBA. Main components of the SCBA shall be:

- Face-piece and Communication System
- First Stage Pressure Reducer
- Rapid Intervention Connection System (RIC)
- Second Stage Pressure Reducer with Chemical, Biological, Radiological and Nuclear (CBRN) approval
- Back-plate and Harness Suspension Assembly
- Cylinder and Valve Assembly
- Chest Mounted Electronic Gauge and Warning System
- Integrated Personal Alert Safety System (IPASS)
- Pull Forward Waist Belt
- Buddy Breather/ Airline Connection

All components of the SCBA shall be arranged to minimize interference when maneuvering in confined spaces and when passing through small openings. Components of the SCBA shall be easily removed for routine service and maintenance.

### 1.0 Face-piece

1.1 Body	Bidder Complies?	
	YES	NO
a. The face-piece shall adapt to all facial contours and provide excellent fit factors. The facemask must come in 3 different sizes (S, M, L)		
b. The size of the facemask must be clearly identified on the mask body with the letters S, M, L.		
c. The face-piece body shall have a large chin support to locate and support the chin and provide an excellent seal.		
d. The wearer shall be able to breathe freely with the second stage pressure reducer removed and the face-piece donned.		
e. The pulling force of the head harness shall not be directly applied to the sealing rings to minimize deformation of the seal and prevent leakage.		

### 1.2 Nose Cup

a. Nose cups shall come in three (3) different sizes: (S, M, L).		
b. The face-piece shall have a nose cup fitted as standard that reduces CO2 to an average value of less than 1% by volume.		
c. The nose cup shall be easily removed or replaced without the use of tools, for ease of cleaning, disinfecting and/or replacement.		

### 1.3 Lens & Lens Frame

a. The lens shall meet the scratch resistance test per the latest revision of NFPA 1981, 2007 edition standard on Open-Circuit Self-Contained Breathing Apparatus for Fire and Emergency Services. It shall be coated on both sides.		
b. The effective field of vision shall be greater than 90%.		
c. The face-piece shall be designed so that air from the cylinder passes over the face-piece lens prior to inhalation to prevent fogging on the inside of the lens.		
d. An anti-fog coat coating shall be applied to interior and exterior of the lens.		
e. The lens frame material shall be a non-conductive robust composite material for improved lens protection in the event of shock or vibration.		

### 1.4 Speech Diaphragm

a. The mask shall be fitted with a speech diaphragm.		
b. The speech diaphragm shall be protected to prevent damage or puncturing.		
c. In the case of leakage in the area of the speech diaphragm, the mask will maintain positive pressure.		
d. Must meet NIOSH and/or NFPA approved		

1.5 Exhalation Valve	Bidder Complies?	
	YES	NO
a. The mask shall be fitted with an exhalation valve to isolate the exhalation from the inhalation supply from the regulator.		
b. The exhalation valve shall be protected by a cover.		
c. The exhalation valve cover and exhalation valve shall be easily removed without the use of tools for ease of cleaning, decontamination and maintenance.		

### 1.6 Head Harness

a. The head harness shall be made of flame resistant Kevlar fabric which attached to the face piece for proper fit.		
b. The head harness straps shall be easily removable without the use of tools.		
c. The face-piece shall employ a flame retardant neck strap or other device that positions the face-piece on the wearer's chest to reduce the potential for dirt ingress when not donned or in use.		

### 1.7 Mask Cowling and Communication System

a. The face-piece shall include a mask cowling to eliminate any possible collapse of the face-piece onto the wearer's face in the event of a fall.		
b. The mask cowling must be easily removed without the use of special tools.		
c. Communications shall be designed that the receiver does not need an additional device to hear any communication.		
d. Any and all electronic communications that are attached to the face piece shall not interfere with the field of vision.		

### 1.8 Heads-Up Display (HUD)

a. The HUD system must automatically activate when the cylinder valve is opened, pressurizing the SCBA.		
b. The HUD shall be designed to fit the face-piece without interfering with the user's field of vision.		
c. The HUD must be visible by the operator and fellow firefighters.		
d. The HUD shall be interchangeable between head-pieces.		

### 1.9 Other

a. The face-piece shall have a provision for using spectacles without breaking the integrity of the face-piece seal or directly attaching to the lens.		
b. The spectacle kit shall not mount directly on the lens.		
c. The face-piece shall have an individual serial number permanently marked on the mask.		

## 2.0 First Stage Pressure Reducer

	Bidder Complies?	
	YES	NO
a. First stage pressure reducer shall be connected directly to back-plate.		
b. The failure mode of the first stage reducer shall be such that the reducer fails safe and always delivers air to the user.		
c. An audible alarm shall be located on the reducer. The audible alarm will alert the wearer when approximately 25% of the cylinder air supply of the SCBA remains.		
d. The alarm shall meet the requirements for respiratory protective devices for operation during direct water spray.		
e. The audible warning shall produce a sound of 90 dBA minimum when measured at 18 inches.		
f. The warning shall operate when the cylinder pressure is less than or equal to the set pressure for the alarm.		
g. Optional airline connections shall be available for using SCBA as a supplied air respirator, or for use as an emergency escape (buddy breather).		
h. The first stage regulator shall be able to accept a Quick Connect cylinder for easy connection/disconnection by the user. <b>( please see Section D for option)</b>		
i. The first stage reducer shall incorporate an integrated pressure relief valve to allow for any over pressurization of the medium pressure system. The relief valve shall be protected from adjustment by the use of an anti-tamper device.		
j. The first stage pressure reducer shall have an integrated RIC coupling.		
k. The SCBA shall be fitted with a RIC Universal Air Connection (UAC) male fitting connected directly to the first stage pressure reducer to allow refilling of the cylinder with breathing air.		
1. To reduce damaging the RIC fitting, the RIC fitting should not point directly outward from the reducer or manifold area.		
m. The SCBA wearer should be able to connect or disconnect the RIC filling hose while wearing the SCBA.		
n. The distance between the leading edge of the Compressed Gas Association (CGA) fitting on the SCBA cylinder valve and the leading edge of the RIC UAC male fitting shall be a maximum of 4 inches.		
o. A self-resetting relief valve shall be installed on the RIC system to protect the cylinder from over pressurization.		
p. The RIC UAC male fitting shall be able to connect with any RIC UAC female fitting.		
q. The RIC UAC fitting shall not interfere with any operation of the SCBA.		
r. The RIC UAC fitting shall be equipped with a dust cap or sealing plug to prevent dust, dirt and debris from entering the RIC fitting.		
s. Dust cap shall serve as a leak proof seal.		
t. The RIC UAC fitting coupling shall be capable of being connected and disconnected with one hand while under pressure.		
u. The RIC UAC fitting coupling shall have a 4500-psi operating pressure.		
v. The RIC UAC shall be capable of being used in an IDLH environment.		
w. The maximum fill time shall not exceed three (3) minutes.		

### 3.0 Second Stage Pressure Reducer (SSPR)

	Bidder Complies?	
	YES	NO
a. The SCBA shall utilize a mask mounted SSPR which connects to the face-piece by a push-in snap connection. When connected to the face-piece, the regulator shall be capable of turning 360 degrees without being disconnected. The regulator shall be capable of being reset to the donning mode while connected to the SCBA to allow the user to keep the mask in a ready position at all times (i.e. when utilizing the neck strap feature set forth in 1.9c. above). The SSPR shall have a swivel at the medium pressure hose connection to provide easier head movement.		
b. The SSPR shall be CBRN approved along with the SCBA.		
c. The SSPR shall use the wearer's exhaled air to flush any contaminates away from the outside surface of the diaphragm, keeping the diaphragm free from any contamination.		
d. The SSPR shall utilize a quick disconnect coupling that enables the SSPR to be disconnected from the intermediate pressure side of the SCBA. The quick disconnect shall not be capable of being accidentally disconnected.		
e. The SSPR shall be automatically activated to the positive pressure mode by the user's first inhalation. It shall take no more than a negative pressure of 15-millibar (6 in/H2O) to activate the positive pressure.		
f. The SSPR shall have a bypass valve that can be operated in either a pulse flow or hands-free continuous flow mode. The minimum flow rate through the bypass valve shall be 80-130 liters per minute in the continuous flow mode. Hands-free continuous flow mode shall be achieved by a 90° turn.		
g. The hose connecting the first stage regulator to the SSPR shall be a small diameter, non-corrugated hose with a minimum pressure rating of 250 psi. This hose shall be routed over in the shoulder pad through a hose shroud such that the hose is close to the body.		
h. A buddy breathing connection assembly shall be available with quick disconnect fitting for emergency tie-in of SSPR hose fitting from another SCBA. This buddy breathing connection shall be located on the waist belt and routed through a protective pouch. When required, the buddy breather shall also be useable as an airline connection.		
i. The SSPR shall be capable of supplying in excess of 500 L/min of air at input pressures of 300 psi.		
j. The SSPR shall maintain a positive pressure even at 150 psi and 300 1/min.		
l. The SSPR shall have a lifetime warranty.		
m. When attached to the face-piece, the SSPR shall not begin the flow if air until the wearer inhales.		

**4.0 Integrated Pass / Electronic Gauge/Secondary Low Pressure Alarm**

	Bidder Complies?	
	YES	NO
a. The PASS shall be located over the shoulder of the SCBA and shall be automatically activated when the SCBA is pressurized. The activation pressure shall be greater than or equal to 60 psi.		
b. When the PASS is activated, a multiple frequency tone shall sound to indicate the PASS is operational. The integrated PASS cannot be turned off while the SCBA is pressurized.		
c. If the PASS detects no movement for a period of 20 - 23 seconds, the PASS will sound a 10-13 second "pre-alarm". After the pre-alarm, if there has still been no movement detected by the PASS, the unit shall go into full alarm.		
d. The PASS alarm sounds at a minimum of 95 dBA multiple frequency tone alarm and cannot be blocked off on any one surface.		
e. The PASS shall utilize a sensitive movement sensor to reduce the frequency of false alarms.		
1. The PASS shall have an alarm activation button that is easily accessible with a gloved hand.		
g. The PASS shall be capable of working even in the event the pressure signal cable is broken.		
h. The PASS shall be watertight and shall be intrinsically safe, in accordance with the NFPA 2007 standards.		
i. The PASS shall be an approved part of the SCBA and meet the requirements of the current editions of NFPA-1981 and NFPA-1982 and 42 CFR, Part 84.		
j. The PASS shall have a low battery display easily read by the user when in operation.		
k. The secondary low-pressure alarm shall be an approved part of the SCBA and meet the requirements of the current editions of NFPA-1981 and NFPA-1982 and 42 CFR, Part 84.		
l. The unit shall have an electronic low-pressure alarm in the form of an electronic chirp or tone, which is distinct from all other alarms.		
m. Two rear enunciators to meet NFPA-1981, 2007 edition, PASS warning requirements shall be integrated into the back plate.		
n. The rear enunciators shall be on the left and right hand side of the back plate when the cylinder is in position.		
o. User ID shall be programmable into the unit.		
p. The PASS shall have the capability of a user controlled back light display.		

### 5.0 Back Plate and Harness Assembly

	Bidder Complies?	
	YES	NO
a. The back plate shall have two (2) handles, one on either side of the back plate, to allow for carrying the SCBA, or for ease of donning, or to assist in dragging a firefighter in the event of a rescue. Each handle must be able to withstand 450 pounds of force.		
b. The back plate shall be able to adjust and fit the user ergonomically.		
b. The SCBA shall accommodate 30 minute, 45 minute, and 60 minute, 4500 psi full composite carbon fiber standard cylinder.		
c. The external padding cover shall be high abrasion resistant, high puncture resistant, non slip, quick drying, chemical resistant and inherently fire retardant material. (Kevlar/ Nomex)		
d. The harness webbing shall be constructed of a heavy duty, high temperature material. (Kevlar/ Nomex)		
e. Shoulder and waist adjustment friction buckles (Parachute Style) shall be of stainless steel with a beveled inwardly towards the wearer to eliminate potential for snagging.		
f. Adjusting straps of both shoulder and waist shall have stiffened, 3-4 inches long end grips.		
g. A locking mechanism shall be used to secure the cylinder strap in place to ensure simple and secure operation.		
h. The cylinder strap shall accommodate all types and sizes of cylinders without the use of tools.		
i. The cylinder strap shall be easy to detach from the back plate without the use of tools for cleaning and disinfection.		

### 6.0 Cylinder and Valve Assembly

	Bidder Complies?	
	YES	NO
a. Cylinders shall be available in the following configurations: 30 minute, 4500 psi carbon fiber standard size cylinder.		
b. The cylinders shall have reflective marking for ease of visibility.		
c. The cylinder valve shall be fitted with a luminous boldface gauge with protective guards.		
d. The cylinder valve shall conform to the Compressed Gas Association (CGA) standard for threaded connection number 347.		
e. Cylinders must be fitted with a device for quick disconnect/reconnect without utilizing the threaded connection system. <b>(please see Section D for option)</b>		

**7.0 Training & Fit Testing**

	Bidder Complies?	
	YES	NO
a. The successful bidder shall provide a technician level maintenance training class to three (3) members of the District. A description of how this training will be performed shall be included in the proposal. Upon completion, digital media shall be supplied to the District outlining this orientation. Required tools for performing repairs, maintenance, and flow testing for monthly and yearly checks, and PC interface for PASS alarm (with software) shall be provided at this training.		
b. The successful bidder will submit a comprehensive plan for training all District Personnel how to use the SCBA. Training should be per OSHA 1910.134(k) training and include discussions of user seal checks (OSHA 1910.134 Appendix B-1) and respirator cleaning (OSHA 1910.134 Appendix B-2). Training and testing materials shall be provided to the successful bidder in an electronically reproducible format. Each trainee shall demonstrate the correct donning and removal process for the SCBA (with all personal protective equipment (PPE) that is normally worn). Training program shall be in a Power Point or similar format. Program shall be in a format for the firefighting environment and shall discuss the key elements of OSHA 1910.134.k		
c. The successful bidder shall provide initial fit testing for all members of the Fire District. The fit testing shall comply with quantitative fit testing protocol per OSHA 1910.134 Appendix A Part I.c.3 (CNC (portacount) protocol). Fit testing shall include proper fit for each user with all sizes of face piece and nose cup being utilized to insure an adequate fit test is achieved. A computer generated report shall be provided to the District. The report shall include the information specified in OSHA 1910.134(m) records.		

**8.0 Warranty**

	Bidder Complies?	
	YES	NO
a. The SCBA and Cylinder shall carry a limited warranty of not less than 15 years. The First Stage and Second Stage Pressure Regulators shall carry a limited warranty of not less than the lifetime of the SCBA. The HUD shall carry a limited warranty of not less than three years and all other electronic accessories shall carry warranties of not less than three years.		

**9.0 OPTIONAL ACCESSORIES**

<b>Option #1 — Voice Amplification Unit</b>	<b>Bidder Complies?</b>	
	<b>YES</b>	<b>NO</b>
a. A fully integrated voice amplification unit shall be available which can easily attach to the face-piece without the use of tools for ease of cleaning and disinfection.		
b. The addition of the communication unit shall not break the integrity of the face-piece seal.		
c. A speech transmission diaphragm is required to provide back up in the event of battery or communication unit failure.		
d. The units shall utilize an internal microphone.		

**Option #2 — Radio Interface System**

a. The radio interface system shall connect directly to the voice amplified system.		
b. The radio interface shall include an ear speaker that will connect to a large Push-to-Talk (PTT) button or lapel microphone.		
c. The radio interface must utilize a mounting clip for multiple positioning options.		
d. Radio interface shall connect to the ear speaker/PTT assembly via a shielded quick connect.		

**Option #3 — Extension Hose for Emergency Air Refill**

a. An extension hose for emergency air refill with a Nomex pouch that can be attached to the waist plate. (Buddy Breather)		
b. The hose shall be at least 36 inches long and be configured so that a firefighter can quickly refill another firefighters air bottle via the UAC.		

**SECTION C**

**BID PROPOSAL FORM**

The Rancho Santa Fe Fire Protection District wishes to purchase Self Contained Breathing Apparatus in accordance with specifications and terms and conditions contained in this notice. This form must be submitted with all required Bid Proposal Forms.

<b>No.</b>	<b>Description (Regular Pricing)</b>	<b>Total Cost</b>
1.	Forty two (42) NFPA 1981 & 1982, 2007 Edition open-circuit SCBA's with 30 minute @ 4500psi cylinders	
2.	Forty two (42) Spare Cylinders – 30 minute, 4500 psi	
3.	Forty two (42) SCBA Masks (size of masks will be determine at fit testing)	
4.	Subtotal	
5.	Sales Tax	
6.	Delivery	
7.	Total Bid Amount	

<b>No.</b>	<b>Description (Pricing for Optional Items)</b>	<b>Total Cost</b>
1.	Option #1 – Forty two (42) Voice Amplification Units	
2.	Option #2 – Forty two (42) Radio Amplification Units	
3.	Option #3 – Forty two (42) Buddy Breathers	
4.	Other Option(s)	

The undersign declares that before preparing this bid, he/she carefully read the specifications and requirements for Bidders and that his bid is made with full knowledge of the kind, quality and quantity of services and equipment to be furnished, and this bid is as stated on documents submitted in response to the District's Notice to Invite Bids. The undersigned offers and agrees, if this bid is accepted, within fifteen (15) calendar days from the date of acceptance, to furnish any or all of the items upon which prices are offered at the price set opposite each item, delivered at the designated point within the time specified.

Company Name: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

\_\_\_\_\_  
Authorized Signature and Date

## **SECTION D**

### **EXCEPTIONS TO THE SPECIFICATIONS**

Exceptions to the specifications of any items stated herein shall be fully described and explained in writing by the contractor in the space below.

Please provide two bid options if applicable for SCBA bottles using the bid form provide in section C –

1. Quick Connect SCBA bottles to the First Stage Regulator
2. Standard Thread SCBA bottles to the First Stage Regulator

## **SECTION E**

### **ADDITIONAL INFORMATION**

**1. Warranty:** Please provide in the space below, or attach a copy of a complete description of the warranty and terms and conditions. Also, as part of this bid, you are required to provide warranty service contract individual(s). In all purchases made by the District, availability and accessibility of warranty service and service after warranty may be considered in determining the lowest responsible quote.

Section F

NON-COLLUSION AFFIDAVIT

State of California )
)
County of \_\_\_\_\_ )

ss.

\_\_\_\_\_ , being first duly sworn, deposes and says that he or she is \_\_\_\_\_ of \_\_\_\_\_ the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any other breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

Bidder

\_\_\_\_\_

\_\_\_\_\_

By (Print name and title)

\_\_\_\_\_

Signature

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_, Notary Public, personally appeared \_\_\_\_\_, who proved to me on the basis of satisfactory

evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

SEAL

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Signature of Notary Public

Non-collusion Affidavit

Page 1 of 2

**Section G**

**References Regarding and Support**

<b>No.</b>	<b>The (5) Five Most Recent Sales to Fire Agencies and Support Services Offered</b>
<b>1</b>	Agency :
	Address:
	Contact Person: Phone No:
	Date: Contract Amount:
<b>2</b>	Agency :
	Address:
	Contact Person: Phone No:
	Date: Contract Amount:
<b>3</b>	Agency :
	Address:
	Contact Person: Phone No:
	Date: Contract Amount:
<b>4</b>	Agency :
	Address:
	Contact Person: Phone No:
	Date: Contract Amount:
<b>5</b>	Agency :
	Address:
	Contact Person: Phone No:
	Date: Contract Amount: