



**INVITATION TO BID**  
**SCBA FOR JONES COUNTY FIRE RESCUE**

**Issue Date: Wednesday, July 25, 2018**

**JONES COUNTY BOARD OF COMMISSIONERS**  
**166 INDUSTRIAL BLVD./P.O. BOX 1359**  
**GRAY, GA 31032**  
**PHONE: (478) 986-6405**  
**ATTN: JASON RIZNER, COUNTY ADMINISTRATOR**  
[Jason.rizner@jonescountyga.org](mailto:Jason.rizner@jonescountyga.org)

**PROPOSALS WILL BE RECEIVED UNTIL AUGUST 8, 2018 AT 10:00 A.M.**

**PROPOSALS ARE TO BE SEALED AND MAILED VIA USPS, FEDEX OR UPS TO THE ABOVE ADDRESS OR HAND DELIVERED TO THE COUNTY ADMINISTRATOR'S OFFICE LOCATED IN THE JONES COUNTY GOVERNMENT CENTER AT 166 INDUSTRIAL BLVD., GRAY, GA 31032**



**JONES COUNTY, GEORGIA  
INVITATION TO BID  
SCBA FOR JONES COUNTY FIRE RESCUE**

The Jones County Board of Commissioners is soliciting bids from qualified vendors to provide Self Contained Breathing Apparatus (SCBA) equipment. This equipment will be used in fire suppression activities. The equipment, at a minimum, must meet the 2013 Edition of the NFPA 1981 and 1982 standards. Delivery of all items requested in this invitation to bid **MUST** be delivered on or before September 15, 2018.

Notwithstanding the foregoing, Jones County reserves the right to reject any or all proposals and to waive technicalities and to select the proposal that is in the best interest of Jones County.

**MAILING INSTRUCTIONS**

1. Bidder submit a complete, fully executed bid document.
2. If mailed, proposal should be forwarded by certified U.S. Postal Service. Please address and mark your bid as shown below.

**JONES COUNTY BOARD OF COMMISSIONERS  
ATTN: JASON RIZNER  
166 INDUSTRIAL BLVD.  
GRAY, GA 31032  
"BID – SCBA FOR JONES COUNTY FIRE RESCUE"**

3. If forwarded other than by U.S. Postal Service, delivery must be made directly to Jones County Administrator Jason Rizner, Jones County Government Center, 166 Industrial Blvd., Gray, GA 31032.

**NOTE: IF MAIL OR DELIVERY BY ANY OTHER MEANS IS DELAYED BEYOND THE DATE AND HOUR SET FOR BID OPENING, PROPOSAL THUS DELAYED WILL NOT BE CONSIDERED.**



### General Information

Jones County Board of Commissioners is soliciting bids from qualified vendors to provide Self Contained Breathing Apparatus (SCBA) equipment. This equipment will be used in fire suppression activities. The equipment, at a minimum, must meet the 2013 Edition of the NFPA 1981 and 1982 standards. Delivery of all items requested in this invitation to bid **MUST** be delivered on or before September 15, 2018.

The equipment proposed by vendors shall be new and from the most current model year.

#### EQUIPMENT NEEDED:

- a. 70 Air Pak Harnesses
- b. 140 4500 PSI / 45 Minute Cylinders
- c. 120 Face Mask (Assorted Sizes)

The purpose of this bid 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: (1) full face piece assembly; (2) a removable, face piece-mounted, positive pressure breathing regulator with air-saver switch; (3) an automatic dual path redundant pressure-reducing regulator; (4) end-of-service time indicators; (5) a harness and back frame assembly for supporting the equipment on the body of the wearer; (6) a shoulder strap mounted, remote gauge indicating cylinder pressure; (7) a rapid intervention crew/universal air connection (RIC/UAC); and (8) cylinder and valve assembly for storing breathing air under pressure.

The successful bidder agrees to provide, at their own expense, a factory trained instructor for such time as the respirator user shall require complete instruction in the operation and maintenance of the respirator. Any exceptions to these specifications must be detailed in a separate attachment. Failure to do so will automatically disqualify the bidder.

The successful bidder must be a sales distributor, authorized by the manufacturer, to sell the equipment specified herein. A signed document from the manufacture confirming this must be included with the bid.

The SCBA shall maintain all NIOSH standards with any of the following types of cylinders listed as provided by the SCBA manufacturer.

Please note that time is very much of the essence. **Delivery of all items must be made on or before September 15<sup>th</sup>, 2018.**

### Specifications

Regulatory Approvals	Product:		
	Meets	Does Not Meet	Exception
<ul style="list-style-type: none"><li>• The SCBA shall be approved to NIOSH 42 CFR, Part 84 for chemical, biological, radiological and nuclear protection (CBRN).</li></ul>			



<ul style="list-style-type: none"> <li>The SCBA shall be compliant to the NFPA 1981, 2013 Edition, Standard on Open-Circuit Self-Contained Breathing Apparatus for Emergency Services.</li> </ul>			
<ul style="list-style-type: none"> <li>The SCBA shall be compliant to the NFPA 1982, 2013 Edition (if including optional PASS Device), Standard on Personal Alert Safety Systems.</li> </ul>			
<ul style="list-style-type: none"> <li>If the SCBA is to include an optional integrated self-rescue device, the device shall be compliant to the NFPA 1983, 2012 Edition, Standard on Life Safety Rope and Equipment for Emergency Services.</li> </ul>			
<ul style="list-style-type: none"> <li>All electronic components shall be approved for Intrinsic Safety under UL 913 Class I, Groups C and D, Class II, Groups E, F and G, Hazardous locations.</li> </ul>			

Required Components	Product:		
<i>Face piece</i>	Meets	Does Not Meet	Exception
<ul style="list-style-type: none"> <li>The face piece shall have a large diameter inlet serving as the female half of a quarter (1/4) turn coupling which mates with the positive pressure breathing regulator.</li> </ul>			
<ul style="list-style-type: none"> <li>The face piece shall be approved for use with multiple respiratory applications to enable the same user to switch from one application to another without the use of tools and without doffing the face piece.</li> </ul>			
<ul style="list-style-type: none"> <li>The full face piece assembly shall fit persons of varying facial shapes and sizes with minimal visual interference.</li> </ul>			
<ul style="list-style-type: none"> <li>The full face piece assembly shall be available in three sizes marked "S" for small, "M" for Medium and "L" for large.</li> </ul>			
<ul style="list-style-type: none"> <li>The face piece sizes shall be easily identifiable.</li> </ul>			
<ul style="list-style-type: none"> <li>The face piece assembly, including head harness, shall be latex free.</li> </ul>			
<ul style="list-style-type: none"> <li>The face piece series shall have a face seal that is secured to the lens by a U-shaped channel frame that is retained to the lens using two fasteners.</li> </ul>			
<ul style="list-style-type: none"> <li>The face seal shall be a reverse reflex design for enhanced fit and comfort.</li> </ul>			
<ul style="list-style-type: none"> <li>The face piece shall contain inhalation valves that are readily visible to enable quick visual inspection.</li> </ul>			



<ul style="list-style-type: none"> <li>The lens shall be a single, replaceable, modified cone configuration constructed of a non-shatter type polycarbonate material.</li> </ul>			
<ul style="list-style-type: none"> <li>In accordance with NIOSH 42 CFR part 84, the face piece meets penetration and impact requirements, including compliance with ANSI Z87.1 – 2010.</li> </ul>			
<ul style="list-style-type: none"> <li>The lens shall have a coating to resist abrasion and chemical attack and meet the requirements of NFPA-1981, for lens abrasion.</li> </ul>			
<ul style="list-style-type: none"> <li>The lens shall have an internal anti-fog coating to reduce fogging of the lens.</li> </ul>			
<ul style="list-style-type: none"> <li>Multi-directional voicemitters shall be mounted on both sides of the face piece and ducted directly to an integral silicone nose cup to enhance voice transmission.</li> </ul>			
<ul style="list-style-type: none"> <li>The face piece assembly shall be able to incorporate multiple electronic communications options (amplification, radio interface, wireless, etc) without affecting NIOSH approvals or NFPA/CBRN approvals where applicable.</li> </ul>			
<ul style="list-style-type: none"> <li>The facepiece shall enable the installation of communications bracket on either the right or left side.</li> </ul>			
<ul style="list-style-type: none"> <li>The head harness shall be available in a four-point suspension made in the fashion of a net hood to minimize interference between securing of the face piece and the wearing of head protection.</li> </ul>			
<ul style="list-style-type: none"> <li>The head harness shall be constructed of a para-aramid material for fire, first responder and CBRN applications.</li> </ul>			
<ul style="list-style-type: none"> <li>The head harness shall be available in a four-strap configuration or equal.</li> </ul>			
<ul style="list-style-type: none"> <li>The head harness shall include either a positioning strap (five-strap configuration) or an integrated handle (four-strap configuration) to assist with donning of the face piece.</li> </ul>			
<ul style="list-style-type: none"> <li>Two flame resistant elastic straps, attached to the face seal in four locations, shall provide adjustment for proper face sealing.</li> </ul>			
	Product:		
<i>Mask-Mounted Regulator</i>	Meets	Does Not Meet	Exception
<ul style="list-style-type: none"> <li>The face piece-mounted positive pressure-breathing regulator shall supply and maintain air to the face piece to satisfy the needs of the user at a pressure greater than atmospheric by no more than 1.5 inches of water pressure static.</li> </ul>			



<ul style="list-style-type: none"> <li>• The breathing regulator shall maintain positive pressure during flows of up to 500 standard liters per minute.</li> </ul>			
<ul style="list-style-type: none"> <li>• The regulator shall also meet or exceed a dynamic flow requirement of remaining positive while supplying a minute volume of 160 liters.</li> </ul>			
<ul style="list-style-type: none"> <li>• The breathing regulator shall have attached a low pressure hose which shall be threaded through the left shoulder strap to couple to the pressure-reducing regulator mounted on the back frame.</li> </ul>			
<ul style="list-style-type: none"> <li>• An optional regulator shall be available with a quick connect coupling in line for use with the optional outlet manifold and accessory hose to allow the breathing regulator to be disconnected from the unit and reconnected to the auxiliary hose of a second unit in the event rescue is required.</li> </ul>			
<ul style="list-style-type: none"> <li>• The optional quick connect coupling shall be easily connected and disconnected by trained individuals with a gloved hand and/or in low light conditions.</li> </ul>			
<ul style="list-style-type: none"> <li>• The optional quick connect coupling shall not allow the air hose to be connected without the HUD Connection.</li> </ul>			
<ul style="list-style-type: none"> <li>• The optional coupling shall also be guarded against inadvertent disconnect during use of the equipment.</li> </ul>			
<ul style="list-style-type: none"> <li>• The low-pressure hose shall be equipped with a swivel attachment at the face piece mounted regulator.</li> </ul>			
<ul style="list-style-type: none"> <li>• The regulator shall connect to the face piece by way of a quarter (1/4) turn coupling.</li> </ul>			
<ul style="list-style-type: none"> <li>• The user shall hear an audible sound when the regulator is attached correctly to the face piece.</li> </ul>			
<ul style="list-style-type: none"> <li>• The regulator shall be equipped with a doughnut-shaped gasket which provides a seal against the mating surface of the face piece.</li> </ul>			
<ul style="list-style-type: none"> <li>• The regulator cover shall be fabricated of a flame resistant, high impact plastic.</li> </ul>			
<ul style="list-style-type: none"> <li>• The breathing regulator shall have a demand valve to deliver air to the user, activated by a diaphragm responsive to respiration.</li> </ul>			



<ul style="list-style-type: none"> <li>The demand valve shall use an extended temperature range dynamic O-ring seal composed of a fluorosilicone elastomer.</li> </ul>			
<ul style="list-style-type: none"> <li>The diaphragm shall include the system exhalation valve and shall be constructed from a high strength butyl elastomer.</li> </ul>			
<ul style="list-style-type: none"> <li>A purge valve shall be situated at the inlet of the breathing regulator and shall be capable of delivering airflow of between 125 and 225 standard liters per minute.</li> </ul>			
<ul style="list-style-type: none"> <li>The breathing regulator shall be designed to direct the incoming air through a spray bar and over the inner surface of the face piece lens for defogging purposes.</li> </ul>			
<ul style="list-style-type: none"> <li>The components of the breathing regulator shall be constructed of materials that are not vulnerable to corrosion.</li> </ul>			
<ul style="list-style-type: none"> <li>The flame resistant cover shall contain an air saver switch and pressure demand bias mechanism.</li> </ul>			
<ul style="list-style-type: none"> <li>The regulator shall reactivate and supply air only in the positive pressure mode when the wearer affects a face seal and inhales.</li> </ul>			
<ul style="list-style-type: none"> <li>This device shall not affect the breathing flow through the system while in operation.</li> </ul>			
	Product:		
<i>Pressure Reducer</i>	Meets	Does Not Meet	Exception
<ul style="list-style-type: none"> <li>The pressure-reducing regulator shall be mounted on the back frame and be coupled to the cylinder valve through a short length of internally armored high pressure hose with a hand coupling for engagement and sealing within the cylinder valve outlet.</li> </ul>			
<ul style="list-style-type: none"> <li>In lieu of a manual by-pass, the pressure-reducing regulator shall include a back-up pressure-reducing valve connected in parallel with the primary pressure-reducing valve and an automatic transfer valve for redundant control.</li> </ul>			
<ul style="list-style-type: none"> <li>The back-up pressure-reducing valve shall also be the means of activating the low-pressure alarm devices in the face piece-mounted breathing regulator.</li> </ul>			
<ul style="list-style-type: none"> <li>This warning shall denote a switch from the primary reducing valve to the back-up reducing valve whether from a malfunction of the primary reducing valve or from low cylinder supply pressure.</li> </ul>			
<ul style="list-style-type: none"> <li>A press-to-test valve shall be included to allow bench testing of the back-up reducing valve.</li> </ul>			



<ul style="list-style-type: none"> <li>The pressure-reducing regulator shall have extended temperature range dynamic O-ring seals composed of fluorosilicone elastomer.</li> </ul>			
<ul style="list-style-type: none"> <li>The pressure-reducing regulator shall have incorporated a reseatable over-pressurization relief valve which shall prevent the attached low pressure hose and face piece-mounted breathing regulator from being subjected to high pressure.</li> </ul>			
	Product:		
<i>End-of-Service Time Indicator (EOSTI)</i>	Meets	Does Not Meet	Exception
<ul style="list-style-type: none"> <li>The SCBA shall have two end-of-service time indicators (EOSTI). A tactile alarm and a Heads-Up Display (HUD).</li> </ul>			
<ul style="list-style-type: none"> <li>The primary EOSTI shall be the integral low-pressure alarm device that shall combine an audible alarm with simultaneous vibration of the face piece.</li> </ul>			
<ul style="list-style-type: none"> <li>The primary EOSTI shall be located in the Face piece-Mounted Positive Pressure Regulator.</li> </ul>			
<ul style="list-style-type: none"> <li>This alarm device shall indicate either low cylinder pressure (33% +5%, -0%) or a malfunction of the primary pressure-reducing valve (first stage regulator).</li> </ul>			
<ul style="list-style-type: none"> <li>The HUD shall serve as the secondary EOSTI.</li> </ul>			
<ul style="list-style-type: none"> <li>The HUD shall be powered by the SCBA's single power supply.</li> </ul>			
<ul style="list-style-type: none"> <li>It shall be mounted in the user's field of vision on the Face piece-Mounted Positive Pressure Regulator.</li> </ul>			
<ul style="list-style-type: none"> <li>It shall display cylinder pressure in increments of 100%, 75%, 50% and 33%.</li> </ul>			
<ul style="list-style-type: none"> <li>The display shall not have a numerical representation of bottle pressure.</li> </ul>			
<ul style="list-style-type: none"> <li>At full bottle pressure, two green Light Emitting Diodes (LED) shall be illuminated or equivalent.</li> </ul>			
<ul style="list-style-type: none"> <li>At three-quarter bottle pressure, one green LED shall be illuminated or equivalent.</li> </ul>			





<ul style="list-style-type: none"> <li>At one-half bottle pressure, one “yellow” LED shall be illuminated and flash at a rate not to exceed one (1x) time per second or equal.</li> </ul>			
<ul style="list-style-type: none"> <li>At one-third bottle pressure, one “red” LED shall be illuminated and flash at a rate not to exceed ten (10x) times per second equivalent.</li> </ul>			
<ul style="list-style-type: none"> <li>The HUD shall have a low battery indication that is distinct and distinguishable from the bottle pressure indications.</li> </ul>			
	Product:		
<i>Harness and Back frame Assembly</i>	Meets	Does Not Meet	Exception
<ul style="list-style-type: none"> <li>A lightweight, lumbar support style back frame and harness assembly shall be used to carry the cylinder and valve assembly and the pressure-reducing regulator assembly.</li> </ul>			
<ul style="list-style-type: none"> <li>The back frame shall be a solid, one-piece black powder-coated aluminum alloy frame that is contoured to follow the shape of the user’s back.</li> </ul>			
<ul style="list-style-type: none"> <li>The back frame shall include a mounting for the pressure reducer located at the waist.</li> </ul>			
<ul style="list-style-type: none"> <li>This mounting shall contain a slide-type bracket permitting positioning of the pressure reducer to accommodate connection to either an angled or straight-type cylinder valve.</li> </ul>			
<ul style="list-style-type: none"> <li>The back frame shall include an over-the-center, adjustable tri-slide fixture, a para-aramid strap and a double-locking latch assembly to secure 30, 45, 60, or 75 minute cylinders.</li> </ul>			
<ul style="list-style-type: none"> <li>The harness assembly shall consist of a one size black para-aramid strap with a yellow stripe.</li> </ul>			
<ul style="list-style-type: none"> <li>This harness shall include box-stitched construction with no screws or bolts.</li> </ul>			
<ul style="list-style-type: none"> <li>The harness assembly shall incorporate parachute-type, quick-release buckles and shall include shoulder and hip pads. Optional spring (alligator) clips shall also be available.</li> </ul>			
<ul style="list-style-type: none"> <li>The harness shall include a seat-belt type waist attachment.</li> </ul>			
<ul style="list-style-type: none"> <li>The shoulder strap shall be fitted with a Drag Rescue Loop (DRL) capable of being deployed in an emergency situation to drag a downed firefighter to safety.</li> </ul>			



<ul style="list-style-type: none"> <li>The shoulder strap shall be attached to the back frame by way of a single, articulating metal bracket to allow for optimal shoulder movement.</li> </ul>			
<ul style="list-style-type: none"> <li>The one-piece aluminum back frame should include integrated donning/carry handles.</li> </ul>			
<ul style="list-style-type: none"> <li>The handles shall allow the user to easily don the SCBA in the “over- head” style and also allow the user to carry the SCBA.</li> </ul>			
<ul style="list-style-type: none"> <li>The back frame shall include accommodation and a mounting area suitable for installation of a distress alarm integrated with the SCBA.</li> </ul>			
<ul style="list-style-type: none"> <li>The mounting area shall permit installation of a distress alarm sensor module in an area between the pressure reducer and the back frame.</li> </ul>			
<b>Product:</b>			
<i>Control Console with Heads-Up Display (replace this section if requiring a PASS device, see below)</i>	Meets	Does Not Meet	Exception
<ul style="list-style-type: none"> <li>The pressure gauge shall be an integral part of the control console assembly.</li> </ul>			
<ul style="list-style-type: none"> <li>The control console shall come with a mechanical (analog) pressure gauge that is angled at 30° with a sweeping display.</li> </ul>			
<ul style="list-style-type: none"> <li>The control console shall contain an integral edge lit mechanical pressure gauge that is automatically turned on by opening the cylinder valve.</li> </ul>			
<ul style="list-style-type: none"> <li>The control console shall contain a photo sensing diode to dim and brighten the HUD as the ambient lighting changes.</li> </ul>			
<ul style="list-style-type: none"> <li>The console shall power the HUD with two AA batteries or equivalent.</li> </ul>			
<b>Product:</b>			
<i>Rapid Intervention Crew / Universal Air Connection (RIC/UAC)</i>	Meets	Does Not Meet	Exception
<ul style="list-style-type: none"> <li>The SCBA shall incorporate a RIC/UAC fitting to be compliant with the 2013 edition of the NFPA 1981 Self-Contained Breathing Apparatus standard.</li> </ul>			
<ul style="list-style-type: none"> <li>The RIC/UAC shall be an integral part of the pressure reducer and protected by the back frame.</li> </ul>			



<ul style="list-style-type: none"> <li>The RIC/UAC inlet connection shall be within 4" (4-inches) of the tip of the CGA threads of the cylinder valve.</li> </ul>			
<ul style="list-style-type: none"> <li>The RIC/UAC shall consist of a connection for attaching a high-pressure air source and a self-resetting relief valve allowing a higher pressure than that of the SCBA to be attached to the SCBA.</li> </ul>			
<ul style="list-style-type: none"> <li>The self-resetting relief valve shall be color-coded to identify pressure rating of the SCBA.</li> </ul>			
<ul style="list-style-type: none"> <li>The RIC/UAC shall have a check valve to prevent the loss of air when the high-pressure air source has been disconnected.</li> </ul>			
	Product:		
<i>Cylinder</i>	Meets	Does Not Meet	Exception
<ul style="list-style-type: none"> <li>The cylinder threads shall be straight with an O-ring or quad-ring gasket type seal.</li> </ul>			
<ul style="list-style-type: none"> <li>The cylinder valve shall be a "fail open" type, constructed of forged aluminum and designed such that no stem packing or packing gland nuts are required.</li> </ul>			
<ul style="list-style-type: none"> <li>It shall contain an upper and lower seat such that the pressure will seal the stem on the upper seat, thus preventing leakage past the stem.</li> </ul>			
<ul style="list-style-type: none"> <li>No adjustment shall be necessary during the life of the valve.</li> </ul>			
<ul style="list-style-type: none"> <li>The cylinder valve outlet shall be a modification of the Compressed Gas Association (CGA) standard threaded connection number 346 for breathing air for 2216 and CGA 347 for 4500 and 5500 systems, with a tri-lobe ergonomically designed hand wheel.</li> </ul>			
<ul style="list-style-type: none"> <li>Each cylinder valve shall consist of the following: 1) a hand activated valve mechanism with a spring-loaded, positive action, ratchet type safety lock and lock-out release for selecting "lock open service" or "non-lock open service"; 2) an upstream connected frangible disc safety relief device; 3) a dual reading pressure gauge indicating cylinder pressure at all times; 4) an elastomeric bumper; 5) an angled outlet.</li> </ul>			
<ul style="list-style-type: none"> <li>Each cylinder and valve assembly shall be equipped with a hanger bracket for positive locking attachment of the assembly to the back frame.</li> </ul>			
<ul style="list-style-type: none"> <li>The SCBA shall maintain all NIOSH and NFPA standards with any of the following types of cylinders listed as provided by the SCBA manufacturer.</li> </ul>			
Aluminum			



<ul style="list-style-type: none"> <li>The cylinder shall be manufactured in accordance with DOT specifications and meet the Transport Canada requirements with a working pressure of 4500 psi.</li> </ul>			
<ul style="list-style-type: none"> <li>The cylinder shall be made of an aluminum alloy.</li> </ul>			
<ul style="list-style-type: none"> <li>The cylinder shall be available in a 45-minute duration based on the NIOSH breathing rate of 40 liters per minute (LPM).</li> </ul>			
<b>Carbon-Wrapped</b>			
<ul style="list-style-type: none"> <li>The cylinder shall be manufactured in accordance with DOT specifications and meet the Transport Canada requirements with working pressures of 2216, 4500, or 5500 psig.</li> </ul>			
<ul style="list-style-type: none"> <li>The cylinder shall be lightweight, composite type cylinder consisting of an aluminum alloy inner shell, with a total overwrap of carbon fiber, fiberglass and an epoxy resin.</li> </ul>			
<ul style="list-style-type: none"> <li>The cylinder shall be available in a 30-minute, 45-minute, 60-minute or 75 minute duration based on the NIOSH breathing rate of 40 liters per minute (lpm).</li> </ul>			
<ul style="list-style-type: none"> <li>The cylinder shall be available in an approved 15-year life design as defined by the DOT Special Permit 14232.</li> </ul>			
	<b>Product:</b>		
<i>Warranty</i>	<b>Meets</b>	<b>Does Not Meet</b>	<b>Exception</b>
<ul style="list-style-type: none"> <li>The unit shall be covered by a warranty providing protection against defects in materials or workmanship.</li> </ul>			
<ul style="list-style-type: none"> <li>This warranty shall be for a period of 10 years on the SCBA, except for the pressure reducer, which shall be covered for 15 years.</li> </ul>			
	<b>Product:</b>		
<b>Optional Components</b>			
<i>Personal Alert Safety System</i>	<b>Meets</b>	<b>Does Not Meet</b>	<b>Exception</b>
<ul style="list-style-type: none"> <li>The PASS Device shall be compliant to the NFPA 1982, 2013 Edition Standard on Personal Alert Safety Systems.</li> </ul>			
<ul style="list-style-type: none"> <li>Operation of this distress alarm shall be initiated with the opening of the valve of an SCBA charged cylinder.</li> </ul>			
<ul style="list-style-type: none"> <li>The system shall feature a “hands-free” re-set capability that may be activated by means of a slight movement of the SCBA when the system is in a pre-alarm mode.</li> </ul>			



<ul style="list-style-type: none"> <li>The system shall operate from a single power source containing six “AA” batteries or equivalent.</li> </ul>			
<ul style="list-style-type: none"> <li>The battery life of the SCBA with PASS only shall be no less than 200 hours.</li> </ul>			
<ul style="list-style-type: none"> <li>The system shall have a battery check function that provides an LED indication of battery status while the SCBA is not pressurized.</li> </ul>			
<ul style="list-style-type: none"> <li>The PASS System shall be upgradeable to include a 2.4 GHz integrated locator system.</li> </ul>			
<ul style="list-style-type: none"> <li>The PASS system shall be upgradeable to include a 2.4 GHz integrated SCBA air / PASS (telemetry) management system.</li> </ul>			
<ul style="list-style-type: none"> <li>The PASS device shall contain two components: a Console and a Sensor Module.</li> </ul>			
Console			
<ul style="list-style-type: none"> <li>The console shall be located on the user’s right shoulder harness.</li> </ul>			
<ul style="list-style-type: none"> <li>The control console shall come with a mechanical (analog) pressure gauge that is angled at 30° with a sweeping display.</li> </ul>			
<ul style="list-style-type: none"> <li>The console shall contain an integral edge lit mechanical pressure gauge that is automatically energized by opening the cylinder valve.</li> </ul>			
<ul style="list-style-type: none"> <li>The console shall display to the user the following: Pre-Alarm: alternating red flashing LED’s;</li> </ul>			
<ul style="list-style-type: none"> <li>The console shall contain a photo sensing diode to dim and brighten the HUD as the ambient lighting changes.</li> </ul>			
<ul style="list-style-type: none"> <li>The console shall contain push buttons for user interface.</li> </ul>			
<ul style="list-style-type: none"> <li>The push buttons shall be designed to minimize accidental activation.</li> </ul>			



<ul style="list-style-type: none"> <li>• A yellow color-coded push button shall permit system re-set.</li> </ul>			
<ul style="list-style-type: none"> <li>• A red color-coded push button shall permit manual activation of the full alarm mode.</li> </ul>			
Sensor Module			
<ul style="list-style-type: none"> <li>• The system shall include a sensor module mounted to the SCBA back frame and located in an area between the cylinder and back frame in a manner designed to protect the assembly from damage.</li> </ul>			
<ul style="list-style-type: none"> <li>• The sensor module shall contain a motion sensor that is sensitive to user hip movement to reduce false activation.</li> </ul>			
<ul style="list-style-type: none"> <li>• The sensor module shall contain redundant, dual sound emitters for the audible alarm and dual visual “buddy” indicators.</li> </ul>			
<ul style="list-style-type: none"> <li>• The sensor module sound emitters shall be oriented in multi- directions for optimal sound projection.</li> </ul>			
<ul style="list-style-type: none"> <li>• The visual indicators on the back frame mounted sensor module shall flash green during normal operation.</li> </ul>			
<ul style="list-style-type: none"> <li>• The visual indicators shall flash red when the device is in pre- alarm and full-alarm.</li> </ul>			
<ul style="list-style-type: none"> <li>• The visual indicators shall flash a combination of red, green, and white when the SCBA has reached one-third bottle pressure.</li> </ul>			
<i>In-Mask Thermal Imaging (OPTIONAL)</i>	Meets	Does Not Meet	Exception
<ul style="list-style-type: none"> <li>• The respirator shall have an optional hands-free, in-mask thermal imaging display.</li> </ul>			
<ul style="list-style-type: none"> <li>• The in-mask thermal imaging display shall be approved to NIOSH 42 CFR Part 84 and NFPA 1981, 2013 edition.</li> </ul>			

**Terms and Conditions**

- The County reserves the right to reject and or all bids or proposals, to waive technicalities, and to make a selection and final award as deemed to be in the best interest of the County.



- Provider selection will be based on the information contained in the bids, and incomplete or inaccurate information may result in disqualification of a proposal or a bidder.
- The Jones County Board of Commissioners reserves the right to accept or reject any or all bids, to solicit additional bids, or to amend or revise bid documents.
- The proposal submitted by each proposed service provider will be treated as best and final. There will be no opportunity to negotiate fees during the selection process.
- The County does not guarantee the purchase of any/all equipment.
- The County reserves the right to terminate any contract for this equipment and/or services for any of the following reasons:
  - o a. If the equipment/service is not delivered/completed on an agreed-upon schedule.
  - o b. If the equipment/services delivered is not the same equipment/services bid.
  - o c. Receipt of substandard product/service.
  - o d. Poor workmanship.

**Interpretations and Clarifications:**

Requests for information or clarification of this bid document must be made in writing and directed to Leslie Faulk at [Leslie.Faulk@jonescountyga.org](mailto:Leslie.Faulk@jonescountyga.org). Please reference the page and topic.

**Submission of Bid:**

Two (2) original hard copies shall be submitted on or before August 8<sup>th</sup>, 2018 at 10:00 a.m. to:

**JONES COUNTY BOARD OF COMMISSIONERS  
ATTN: JASON RIZNER  
166 INDUSTRIAL BLVD./P.O. Box 1359  
GRAY, GA 31032  
"BID – SCBA FOR JONES COUNTY FIRE RESCUE"**

**Sealed bids should be clearly marked "BID – SCBA FOR JONES COUNTY FIRE RESCUE".**

When received, all proposals and supporting materials, as well as correspondence relating to the bid document, shall become the property of the County. **Proposals sent by fax will not be accepted.**



In submitting a bid, it is understood by the vendor that Jones County reserves the right to accept any bid, to reject any and all bids as non-responsive and to waive any irregularities or informalities in bids when to do so is in the best interest of Jones County.

Any bid may be withdrawn or modified by written request of the vendor, provided such request is received by the County at the designated address prior to the date and time set for receipt of bids.

If a bid includes any propriety data or information, such data or information must be specifically identified as such on every page on which it is found. Data or information so identified will remain confidential to the extent allowed by Georgia law and will be used by Jones County personnel solely for the purposes of evaluating proposals and conducting contract negotiations.

The cost of preparing a response to this bid document will not be reimbursed by the County.

After the bid issue date, all communications between Jones County and prospective Proposers shall be in writing. Only emailed questions will be accepted. Any inquiries, requests for information, technical questions, clarifications, or additional information shall be directed to Leslie Faulk at [Leslie.Faulk@jonescountyga.org](mailto:Leslie.Faulk@jonescountyga.org).





## **Bid Form**

### **Checklist**

- Pricing information for both required and optional equipment outlined in the specifications above
- Proposed equipment complies with specifications in this document
- Complete Specifications for the proposed equipment are attached
- Warranty information included
- Application for Public Benefit attached
- Delivery of Equipment Can Be Made on or before September 15, 2018

I further understand that I will be required to submit the attached affidavit verifying status for County Public Benefit Application (copy attached), prior to beginning work.

I certify that the bid(s) below meets all specifications outlined in the bid documents:

Company: \_\_\_\_\_

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

Contact: \_\_\_\_\_ E-mail Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Signature of Company Official: \_\_\_\_\_

### **Price for Equipment With Required Features:**

70 Air Pak Harnesses	Unit Cost: _____	Total Cost: _____
140 4500 PSI/45 Minute Cylinders	Unit Cost: _____	Total Cost: _____
120 Face Masks (Assorted Sizes)	Unit Cost: _____	Total Cost: _____

GRAND TOTAL: \_\_\_\_\_

### **Price for Equipment With Required AND Optional Features:**

70 Air Pak Harnesses	Unit Cost: _____	Total Cost: _____
140 4500 PSI/45 Minute Cylinders	Unit Cost: _____	Total Cost: _____
120 Face Masks (Assorted Sizes)	Unit Cost: _____	Total Cost: _____

GRAND TOTAL: \_\_\_\_\_



# Affidavit Verifying Status County Public Benefit Application Jones County Board of Commissioners

By executing this affidavit under oath, as an applicant for a Jones County Georgia Business Occupation Tax Certificate, Alcohol License, Taxi Permit or other public benefit as referenced in O.C.G.A. Section 50-36-1, I am stating the following with respect to my application for a Jones County Business Occupation Tax Certificate, Alcohol License, Taxi Permit or other public benefit for \_\_\_\_\_. [Name of natural person applying on behalf of individual, business, corporation, partnership, or other private entity]

1) \_\_\_\_\_ I am a United States citizen

**OR**

2) \_\_\_\_\_ I am a legal permanent resident 18 years of age or older or I am an otherwise qualified alien or non-immigrant under the Federal Immigration and Nationality Act 18 years of age or older and lawfully present in the United States.\*

In making the above representation under oath, I understand that any person who knowingly and willfully makes a false, fictitious, or fraudulent statement or representation in an affidavit shall be guilty of a violation of Code Section 16-10-20 of the Official Code of Georgia.

Signature of Applicant: \_\_\_\_\_

Date \_\_\_\_\_

Printed Name: \_\_\_\_\_

SUBSCRIBED AND SWORN  
BEFORE ME ON THIS THE

\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_

\* \_\_\_\_\_

Alien Registration number for non-citizens

Notary Public \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

**\*Note:** O.C.G.A. § 50-36-1(e)(2) requires that aliens under the federal Immigration and Nationality Act, Title 8 U.S.C., as amended, provide their alien registration number. Because legal permanent residents are included in the federal definition of “alien”, legal permanent residents must also provide their alien registration number. Qualified aliens that do not have an alien registration number may supply another identifying number below:

\_\_\_\_\_



**OPTIONAL — FOR NON-BIDDERS ONLY**

**JONES COUNTY BOARD OF COMMISSIONERS  
NO BID STATEMENT**

In an effort to make the procurement of goods and services for the County as competitive as possible, we are soliciting information from contractors and/or vendors who cannot bid. Your responsiveness and constructive comments will be appreciated. Completion of this form will assist us in evaluating factors which relate to the competitiveness of our bids. Please check any of the boxes below which may apply. Please explain any issues that you feel needs to be addressed.

- Specifications - Restrictive, too light", unclear, specialty item, geared toward one (1) brand or manufacturer only. *(Please explain in detail below).*
- Manufacturing - Unique item, production time for model has expired, etc.
- Bid Time - Insufficient time to properly respond to bid or proposal.
- Delivery Time - Specified delivery time cannot be met.
- Payment - Payment terms unacceptable. *(Please be specific)*
- Bonding - We are unable to meet bonding requirements.
- Insurance - We are unable to meet insurance requirements.
- Removal - Remove our firm from your bidders list for the particular commodity or service.
- Keep - Please keep our company on your bidders list for future reference.
- Project is: \_\_\_\_\_ / Too Large \_\_\_\_\_ / Too Small \_\_\_\_\_ / Site or Location is Too Distant
- Miscellaneous - Do not wish to bid, do not handle this type of item(s) or services, unable to compete, Contract clauses are unacceptable, etc. *(Please be specific)*
- Our company would only be interested in this project as a subcontractor or supplier.

**VENDOR STATEMENT:**

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Bid Description: \_\_\_\_\_

Company Name: \_\_\_\_\_

Company Official Name: \_\_\_\_\_

Company Official Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**JONES COUNTY BOARD OF COMMISSIONERS  
(478) 986-6405 x 161  
leslie.faulk@jonescountyga.org**