

**NOTICE TO BIDDERS**  
**ADVERTISEMENT FOR BIDS**  
**FOR**  
**MOBILE AIR COMPRESSOR AND SCBA FILL STATION**  
**LOVELAND-SYMMES FIRE DEPARTMENT, OHIO**

**BID: 2022-01**

**August 5, 2022**

Pursuant to Section 307.86 of the Ohio Revised Code, sealed proposals for the purchase of a **MOBILE AIR COMPRESSOR AND SELF-CONTAINED BREATHING APPARATUS (SCBA) FILL TRAILER** to be furnished to the Loveland-Symmes Fire Department will be received by the Deputy Fire Chief Bruce Hawk, 126 South Lebanon, Ohio. 45140, on Friday, August 19th, 2022, at 4:00 P.M., at which time they will be publicly opened and read. In lieu of a pre-bid conference, questions can be submitted in writing to [bhawk@lsfd.org](mailto:bhawk@lsfd.org)

The Loveland-Symmes Fire Department has the right to reject any and all bids and to accept the bid most favorable to fire department

INSTRUCTIONS TO BIDDERS  
BID CONDITIONS AND REQUIREMENTS  
FOR  
MOBILE AIR COMPRESSOR AND SCBA FILL TRAILER

Date and Time for Bid Opening: August 5<sup>th</sup>, 2022 at 8:00 a.m.

Location: 126 S. Lebanon Rd. Loveland, OH 45140

INSTRUCTIONS:

Bidders should read and understand the circumstances and procedures under which this proposal is set. The bidder's response to the proposal signifies acceptance of the obligations and rights specified herein.

Failure to respond to any requirements outlined in this request for proposal, or failure to enclose copies of the required documents, may disqualify the bid.

All quotations are to be firm offers for no less than ninety (90) days and will be regarded by the Loveland-Symmes Fire Department as the bidder's best and final offer.

The price quoted shall be neat and shall include delivery of new equipment or services, all transportation and delivery charges prepaid to the point of delivery indicated in the proposal, fully equipped as indicated herein in the proposal.

All equipment listed is for particular use by the LSFDF in which division it is to be used and must meet the requirements of the fire department for use.

Each bidder shall attach to his bid illustrated catalog sheets with the manufacturer's complete printed specifications covering each class or type of equipment covered in the bid and shall be sufficiently detailed to permit the LSFDF to properly evaluate the bid.

**Training:** All equipment shall be accompanied by sufficient documentation to operate and maintain the systems. Training for the system shall be included in the price of the equipment. Training for all equipment shall include as many sessions as necessary to properly train the users in the use of the equipment to the satisfaction of the Fire Department Staff. All training will be performed in Loveland, OH. Training shall commence no later than two weeks from the time of the delivery of the equipment and upon an agreed upon schedule between the Loveland-Symmes Fire Department and the successful bidder.

**Delivery:** Delivery must be shown in bid. The guaranteed date of delivery, at the discretion of the Loveland-Symmes Fire Department, can be taken into consideration in making the award.

**Payment:** Payment will be made in cash within thirty days after, in the judgment of the Loveland-Symmes Fire Department; the bidder has completely delivered all materials and/or performed all the services in accordance with the requirements of the proposal and/or specifications.

**QUESTIONS:**

All questions, pertaining to the meaning or intent of the specifications or contract documents shall be submitted in writing to Deputy Fire Chief Bruce Hawk at [bhawk@lsfd.org](mailto:bhawk@lsfd.org) with "MOBILE AIR COMPRESSOR AND SCBA FILL TRAILER" in the subject line. Replies will be issued by addendum and will be posted on the LSFd website at [www.LSFD.org](http://www.LSFD.org). Only questions answered by written addendum shall be binding. Oral and other interpretations or clarifications will be without legal effect. Bidders shall ascertain prior to submitting their bid that they have received all addenda issued and shall acknowledge their receipt where indicated on the proposal form.

**BID OPENING:**

The bid opening will be conducted at 10:00 a.m. on August 26th, 2022 at the Loveland-Symmes Fire Department, 126 S. Lebanon Rd, Loveland, OH 45140.

**BIDS WILL BE OPENED AT THE DATE AND HOUR AS STATED IN THIS PROPOSAL AND NO BID RECEIVED AFTER THE DATE AND HOUR AS SET FORTH HEREIN WILL BE ACCEPTED OR CONSIDERED.**

Sealed Bids shall be submitted on the Formal Bid Proposal Form furnished with the specifications, in an envelope addressed to the Loveland-Symmes Fire Department, 126 S. Lebanon Rd, Loveland, OH 45140, and clearly marked "**BID PROPOSAL FOR MOBILE AIR COMPRESSOR AND SCBA FILL STATION**". All bids shall be signed by an authorized official of the firm.

Ohio sales tax shall be shown as a separate item on the Form Bid Proposal Form.

The contract will be awarded after evaluation of all bids has been made. In the interest of suitability to the LSFd needs and/or economy, equipment, furnishings, etc. other than the cheapest in price, may be selected.

FORMAL BID PROPOSAL FORM  
FOR  
MOBILE AIR COMPRESSOR AND SCBA FILL TRAILER

Loveland-Symmés Fire Department

Bid: 2022-01

The undersigned declares that they have examined the Notice to Bidders, Instructions to Bidders, General Conditions, and all Technical Specifications and has informed themselves fully regarding all terms and conditions pertaining thereto and agrees that if their proposal is accepted within thirty (30) days, they will supply and deliver, as ordered, all equipment as required under these specifications at the price set forth below:

ITEM	BID PRICE
One (1)	\$ _____

Make and Model: \_\_\_\_\_

Warranties: \_\_\_\_\_

Deliver to Loveland-Symmés Fire Department: \_\_\_\_\_

Federal Excise Tax of \$ \_\_\_\_\_ is excluded from total cost.

FIRM: \_\_\_\_\_ DATE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

\_\_\_\_\_

SIGNATURE: \_\_\_\_\_ TITLE: \_\_\_\_\_ PRINT OR TYPE

NAME: \_\_\_\_\_ TELEPHONE #: \_\_\_\_\_

\_\_\_\_\_ FAX #: \_\_\_\_\_

**Addendum Receipt:** Receipt of the following Addenda to the Specifications is hereby acknowledged:

Addendum No. \_\_\_\_\_ Date: \_\_\_\_\_

Addendum No. \_\_\_\_\_ Date: \_\_\_\_\_

**1.0.0 MOBILE AIR COMPRESSOR AND SCBA FILL TRAILER**

## SPECIFICATIONS

### BREATING AIR SYSTEMS

#### MODEL "RESPONDER-25D "AIR AND LIGHT TRAILER

#### OR EQUIVALENT

It is not the intent of these specifications to exclude any "qualified" vendor from participating in the bid for a mobile air and light trailer.

The purpose of the specification is to establish "**Minimum Standards and Guidelines**" for a quality system that is both safe and functional.

These specifications describe a mobile air and light trailer that is capable of filling all types of SCBA cylinders in the field as well as supplying respirator air for hazmat clean up, air tools, remote filling of high-pressure cylinders and to provide area lighting and electrical power as needed. The system will be designed and built for both short- and long-term needs. For training, mutual aid, hazmat clean up, water rescue and disaster areas.

**The system shall be comprised of the following major components.**

- A) **7x16x7 Highway rated tandem axle heavy duty trailer**
- B) **6000-psi 25-CFM diesel drive compressor system**
- C) **6000-psi DOT rated air storage system**
- D) **Two position Class 2 containment style fill station (Fill station must be NFPA 1901 compliant)**
- E) **Electronic carbon monoxide (CO) monitor**
- F) **(2) 12-volt rewind hose reels and dual function air control panel**
- G) **6KW tongue mounted generator with cover**
- H) **(2) 12-foot stand-alone extendable 500-watt area lights with extension cords**
- I) **14 position cabinet enclosed spare SCBA storage areas with (5) other storage areas permanently and professionally built into the trailer's interior**
- J) **First Aid Kit**

#### **Section A: Trailer**

Shall be a 7'x16'x7' totally enclosed trailer with dual drop 10,000 lbs. axles, (5000 lbs. each) highway lighting, electric brakes on each axle and designed for this specific application. The

trailer shall be a major brand for readily available localized service (one of a kind custom fabrication) will not be acceptable.

Trailer shall be equipped with:

- Complete highway rated lighting package with vehicle connector plug
- Electric brakes on both axles
- 2 5/16 ball hitch
- Deluxe white vinyl interior walls and ceiling for better illumination, slip resistant 1/8-inch aluminum diamond plate floor
- Dual interior lighting for 12-volt and 110-volt fluorescent lights, four handy electrical outlets 110 VAC)
- 10,000-pound GVW load rating
- Two side mounted pop-up flow through windows with gas spring assisted lifting and supports
- Curbside walk-in door with lock and fold down step
- Partition wall to separate the operator from the compressor noise and open end of the trailer
- Double swing out cam lock rear doors
- Custom built permanently mounted storage cabinets and work area in the nose of the trailer in the walk-in area. One of the cabinets will be designed to hold 14 spare SCBA cylinders plus there shall be five other storage areas and a lighted work area with 110 VAC power outlet
- Paint the metal exterior (color chosen by the Loveland-Symmes Fire Department)
- Name brand heavy-duty tires with six lug rims with fenders and trim package to include stone guard
- All built on a heavy-duty chassis and frame. The frame shall be painted to reduce corrosion

#### **Section B: Compressor Bauer H25-D (or equivalent)**

The compressor shall be rated for 13-CFM and capable of continuous duty at 6000-psi. All components shall be mounted on a heavy-duty powder coated steel frame. The compressor and diesel engine shall be mounted in a horizontal design and mounted in the rear of the trailer with flow through ventilation.

The system shall be supplied on a steel frame designed for both the static and dynamic loads of the system and of sufficient size to adequately accommodate all the system's components. The

arrangement of components on the frame shall permit unrestricted cooling air flow to the compressor and prime mover, and provide access for operation, inspection, and maintenance.

These units shall have the compressor and engine arranged in a horizontal design.

The system shall be designed for operation in ambient temperatures ranging between 40°F and 115°F.

And be properly ventilated by means of a flow through system with remote exhaust and intake piping

All piping and tubing shall be properly supported and protected to prevent damage from vibration during shipment, operation, or maintenance. Piping and tubing shall be installed in a neat and orderly arrangement, adapting to the contours of the system. All instrument tubing shall be 300 series stainless steel.

#### **Compressor Bauer H25D (or equivalent)**

The compressor shall be an air-cooled, oil lubricated, four stage, three-cylinder, single acting, reciprocating compressor rated for continuous duty at the maximum working pressure without the need for auxiliary fans or cool-down cycles. The crankcase shall be cast of a high strength, aluminum alloy. The crankshaft shall be of a single piece forged steel construction and supported in the crankcase by three long-life roller bearings. The connecting rods shall be of a single piece design and constructed of a high strength aluminum alloy. Each connecting rod shall incorporate a roller bearing at the crank end and a needle bearing at the pin end. The pistons shall be constructed of heavy-duty aluminum alloy. Piston rings on the second and third stage are of cast iron; first and fourth stage rings shall be of a high strength polyamide. The final stage shall incorporate a free-floating, heavy-duty aluminum alloy piston which is driven by a guide piston and third stage discharge pressure. The cylinders shall be of cast iron construction with deep cooling fins on the external surface for optimum heat dissipation. The cylinders shall be arranged in a "W" configuration with each cylinder located directly in the cooling fan's blast. The cylinders shall be removable from the crankcase. The compressor's flywheel shall be of an aluminum alloy. A multi-wing, high velocity cooling fan shall be integral to the flywheel.



A stainless-steel inter-stage cooler shall be provided after each stage of compression and an after cooler shall be provided after the final stage of compression. The cooler assemblies shall be individually detachable from the compressor, located directly in the cooling fan's blast and made of stainless steel. The after cooler shall be designed to cool the discharge air to within 18°F of ambient temperature. A cool-down cycle shall not be required prior to stopping the compressor.

A separator shall be supplied after each stage of compression excluding the first stage and a coalescing separator shall be supplied after the final stage of compression. An automatic condensate drain (ACD) system shall be supplied for all the separators. Adjustable drain timers shall be factory preset to drain the separators approximately every fifteen minutes for approximately six seconds. The ACD system shall unload the compressor on shutdown for unloaded restart. An exhaust muffler shall be supplied. The condensate reservoir shall have a high liquid level indication system to provide system shutdown and to alert the operator that the condensate reservoir is at capacity. Manually operated valves shall be supplied to override the automatic operation of the ACD system for test and maintenance purposes.

The compressor shall be lubricated by a low-pressure lubrication system incorporating a gear driven low pressure oil pump, easily replaceable oil filtration element, and oil pressure regulator. A sight glass shall be provided to check the oil level. The oil drain for the compressor shall be piped to the outside of the frame.

The compressor shall be equipped with an inlet filter with replaceable particulate element and piped to the outside of the trailer, weather protection shall be provided.

### **Prime Mover and V-Belt Drive**

The engine driven unit shall be supplied with electric start, centrifugal clutch, and speed control solenoid. An enclosure shall be supplied to the supplied battery.

The unit shall be supplied with a water cooled 16 HP diesel engine.

The compressor and prime mover shall be mounted on a common base that is vibration isolated from the system's main frame. Power from the prime mover shall be transmitted to the

compressor by a v-belt drive. The Engine driven unit shall be supplied with a sliding base to facilitate tightening the drive belts manually. The v-belt drive shall be suitably guarded. Rotation arrows shall be affixed in a conspicuous place on the compressor. An exhaust system shall be provided and installed under the trailer and piped to the front end and away from the compressor inlet.

### **Electrical Control and Instrument Panel**

The engine control center shall include a PLC controller. The electrical panel shall be built in compliance to UL's Industrial Control Panel Custom Builders Program and shall be affixed with a U.L. label.

The PLC compressor control system consists of a programmable logic controller for the monitoring, protection, and control of standard compressor systems.

Standard features include:

- A NEMA 4 enclosure
- On / off selector switch
- Emergency stop
- Final air pressure shutdown
- Warning and alarm indicator lights
- Built in overtime timer set at 5 hours - optional times available
- Final separator counter warning and alarm functions
- Full support of SECURUS warning and alarm functions
- Full support of CO monitor alarm functions (optional)
- UL listed panel

A non-resettable hour meter shall be supplied to record the number of compressor operating hours. The hour meter shall be installed in the instrument panel.

The compressor oil pressure shall be monitored by a pressure switch and pressure gauge. The compressor shall shut down and a fault light illuminate should the compressor's oil pressure drop

below the factory preset value during operation. The oil pressure switch shall be by-passed during start-up to permit the oil pump to achieve the normal operating pressure.

A temperature switch shall be supplied on the discharge line of the final stage of compression. The compressor shall shutdown and a fault light illuminate should the final stage discharge temperature exceed the tamper-proof set point during operation.

For ease of system diagnosis and maintenance, the low oil pressure and high-pressure air shutdown switches shall be equipped with DIN type connectors. Additionally, all the wiring shall be encapsulated within a split corrugated type of loom. Each wire end connection shall be machine crimped and numbered.

All instrument panel mounted pressure gauges shall be 2 ½" diameters and be liquid filled.

### **Purification System**

The purification system shall be designed to process **67,000 cubic feet of** high-pressure air to a quality that meets or exceeds the requirements of CGA Pamphlet G-7, Compressed Air for Human Respiration, ANSI/CGA G-7.1, Commodity Specification for Air, Grade E, and all other recognized standards for breathing air. Purification shall be achieved by mechanical separation of condensed oil and water droplets, absorption of vaporous water by a desiccant, absorption of oil vapor and elimination of noxious odors by activated carbon and conversion of carbon monoxide to acceptable levels of carbon dioxide by catalyst.

The high-pressure purification chambers shall have a working pressure of 6000 PSIG. The purification system shall utilize replaceable cartridges. The purification system shall be designed so that the replacement of the cartridges can be accomplished without disconnecting system piping. The design of the chambers shall preclude the possibility of operating the system without cartridges installed or with improperly installed cartridges. A bleed valve shall be provided to vent the purification system to facilitate replacing the cartridges. A pressure maintaining valve and a check valve shall be supplied downstream of the purification system to increase the efficiency of the purification system by maintaining a positive back pressure. A check valve shall be supplied between the coalescing separator on the compressor's discharge line and the

purification system to maintain the positive pressure in the purification system when the compressor shuts down.

The purification system shall include Bauer's patented Securus Electronic Moisture Monitor System. A sensor shall be in the Securus cartridge for direct monitoring of moisture level. A display module shall be supplied to indicate the status of the Securus cartridge. The moisture monitoring system shall warn the operator, in advance, of the impending saturation of the Securus cartridge. The system shall shut down automatically should the operator fail to change the Securus cartridge within the warning period. The system shall not be capable of restarting until the saturated cartridge is replaced with a new one. The moisture monitoring system shall be of a fail-safe design. Should the electrical contact between the display module and sensor be disconnected, an immediate fault shutdown shall be affected. For absolute safety and highest quality breathing air, no manual override shall be supplied for the moisture monitor.

### **Documentation**

A documentation package shall be supplied with the system. The documentation package shall include, at a minimum, an operation manual, recommended spare parts list, warranty information and a start-up/warranty registration form.

The Operator's Instruction and Maintenance Manual for the system shall be as detailed as possible, outlining all operation and maintenance instructions. The manual shall include detailed illustrated drawings for the compressor block and all system components along with a complete parts listing for all illustrated components. Warnings and safety precautions shall be identified clearly in the manual.

### **Section C: BAS Mod CS6-4 Cascade/Storage System (or equivalent)**

There shall be four new UN/ISO rated 6000-psi cascade cylinders with a capacity of 510 cubic foot, each mounted in the walk-in area of the trailer. The cylinders shall be securely mounted with a double set of heavy-duty wall brackets in a vertical configuration. Each cylinder will be clearly marked with a vinyl label stating the cylinders working pressure type of gas and time of visual inspection.

Each cylinder will have a CGA 702 valve and (NFPA 1901) compliant valve protection device. Each cylinder shall be plumbed directly to the containment style fill station using stainless steel tubing and fittings. Each cylinder will be new and have a current hydro date.

#### **Section D: Filling Station**

##### **Two position containment style fill station model CFS5.5-2Sx4x4 or equivalent**

The fill station shall be built and tested to conform to (NFPA 1901)

The fill station shall be mounted to direct expanding air away from the operator in the unlikely event of a cylinder failure.

The fill station shall be built and tested to conform to NFPA 1901, 2015 Edition.

The fill station shall be designed for stationary applications. The fill station shall be constructed of formed plate steel and shall be fully enclosed.

The fill station shall be warranted free from defects in material and workmanship for a period of eighteen months from date of shipment or twelve months from date of start-up, whichever expires first.

#### **Containment Fill Station**

The front-loading, two position; containment fill station shall totally enclose the SCBA or SCUBA (SCUBA cylinders not to exceed 31" length) cylinders during the refilling process.

The fill station's outer enclosure and door assemblies shall be constructed of formed ¼ inch thick plate steel. Venting shall be provided in the bottom of the fill station to allow the rapidly expanding air from a ruptured cylinder to escape from the fill station. The fill station shall be ergonomically designed for maximum operator convenience and safety for refilling cylinders. The fill station door and cylinder holder assembly shall tilt out towards the operator 45 degrees,

providing unobstructed access to the cylinder holder to load and unload the cylinders. A handle and heavy-duty gas spring shall be incorporated into the design of the fill station to assist the operator in opening and closing the fill station door. It shall take no more than approximately eighteen pounds of effort to open or close the fill station door thereby eliminating operator fatigue.

Each cylinder holder shall be lined to prevent scuffing the outer surface of the SCBA cylinders. For complete operator protection, the fill station shall include a safety interlock system that will prevent refilling SCBA cylinders unless the fill station door is closed and secured in the locked position. The automatic interlock will require no actuation of secondary latching mechanism on the outside of the fill station.

Two fill hoses shall be located within the fill station. Each fill hose shall be equipped with a bleed valve and SCBA fill adapter of choice. Fill hose retainers shall be provided to anchor the fill hoses when not in use.

### Control Panel

The fill control panel shall be installed on the front of the fill station. The control panel shall be factory piped and designed to fill two SCBA or SCUBA cylinders either independently or simultaneously.

The control panel shall include the following standard features:

- Inlet pressure gauge
- Adjustable pressure regulator
- Regulated pressure gauge
- Two (2) fill control valves
- Two (2) fill pressure gauges
- One (1) relief valve for regulated fill pressure
- Four (4) Cascade control valves
- Four (4) Cascade Control Gauges
- One (1) auxiliary refill port with 6000 psi quick connect adapter and valve

All piping and tubing shall be properly supported and protected to prevent damage from vibration during shipment, operation, or maintenance. Piping and tubing shall be installed in a neat and orderly arrangement, adapting to the contours of the station. All instrument tubing shall be 300 series stainless steel.

All control panel mounted pressure gauges shall be 2 ½" diameter and be liquid filled. All panel-mounted components shall be labeled with a nameplate.

The fill station shall be provided on its own freestanding base and shall not exceed the following approximate dimensions: 58" high, 30" wide, and 22" deep. Weight with base and control panel shall not exceed 750 lbs.

#### **Section E: Electronic Digital Readout (CO) Carbon Monoxide Monitor Model BAS218S or equivalent**

The monitor shall be powered by 12-volt DC and be mounted in the rear of the trailer with the compressor and shall only be on when the compressor is operating.

1. The monitor shall be designed to monitor breathing air for Carbon Monoxide. It shall have a range of 0-50 ppm and be rated for 6000-psi inlet pressure.
2. The unit shall be powered by 12 volts DC
3. The unit shall incorporate an electric-chemical sensor that puts out a digitized signal that is displayed on a ½" four-digit LCD display. (An analog signal is not acceptable, as these are prone to drifting.)
4. The electronics shall be enclosed in a NEMA-4 dust and drip tight enclosure.
5. An audible alarm shall be standard. It shall have a sound level of 95 decibels.
6. The unit shall be equipped with two alarm levels, preset but field adjustable. There shall be a red light to indicate each alarm level. Each alarm level will have terminals that may be connected to shut down the compressor and to operate a remote alarm light or audible alarm.
7. The monitor shall be mounted on a black, permanently marked control panel. This panel shall be capable of accepting inlet pressures of 6000-psi and regulating and controlling this to the pressure and flow required by the monitor.
8. The supplied calibration gas will have a rigid mounted inlet connection that will allow the user to choose to leave the gas installed or to remove this gas to prevent unauthorized use. No tools required.

9. No tools shall be required to calibrate the monitor except for removing the cover. The calibration shall be done with an automated procedure, requiring only the flow of calibration gas and the pushing of a button.
10. A shut off valve shall be supplied so that the monitor can be removed from the system without interrupting service in the event of needed repairs or failure.
11. A complete bound operator's manual shall be provided.

#### **Section F: Hose reels, hose, and air control panel**

The system shall include two (2) 12-volt rewind Hannay 1500 series hose reels and air control panel. All equipment shall be mounted in the rear of the trailer facing out of the rear double door.

One reel shall be rated for 6000-psi and will be outfitted with 100' of 6000 psi hose, valve, and your choice of: a CGA fill adaptor for filling to 5500 psi or 6000-psi quick connect for remote filling up to 6000-psi.

The other reel shall be rated for 300-psi and include 100 foot of 300-psi hose. A standard low pressure quick connect shall be provided to be used for air tools, respirator, air bags etc.

Each reel will be supplied with breathing air from the 6000-psi storage system

Each reel will have its own separate adjustable regulator located in a custom air control panel between the two reels. Each side of the air control panel shall have its own regulator, regulated outlet, pressure gauge, valve and 12-volt rewind switch and one common inlet pressure gauge

Each hose reel will be equipped with a roller type hose guide and safety ball stop.

#### **Section G: Generator Model XG7000E or equivalent**

The system shall include a 7000-watt continuous 8750 surge gasoline driven generator to operate interior and exterior lighting. It will also supply four 110-volt power outlets located in the trailer.

The generator shall be tongue mounted and include a lift-up 1/8-inch aluminum diamond plate box cover with latches.

The generator must include a large capacity gas tank, high temperature and low oil shut off switch, electric start engine, and fuel shut off valve. A power cord must be supplied to run from the generator to a power port on the trailer that will supply the entire trailer with electricity.



### **Section H: Extendable Area Lights**

There shall be two (2) 500-watt extendable tripod lights, the two lights shall be mounted on the inside front compartment of the trailer and secured with professional mounting brackets with quick releases.

The lights shall be light weight and easy to mount or dismount from the trailers.

The lights shall be easy to set up and be adjustable to 12 feet high and for directional lighting needs.

Each light shall include an extra-long extension cord that will be stored in the walk-in area of the trailer

Electrical supply outlets shall be located on both ends of the trailer to power the lights.

### **Section I: Cabinets and storage**

The system shall include cabinets and storage. A two-door base cabinet, a two-door overhead cabinet and two full length cabinets shall be provided along with a lighted aluminum work bench area. The work bench area shall also include a 110-volt power outlet.

The cabinets will be built using aluminum construction for the frame, walls, and the doors. The cabinet system is built with metal framing, trigger latches, full length metal hinges and wooden shelves.

The entire system will be permanently attached to the trailer framing and floor.

One of the storage areas will have individual sections to store 14 spare SCBA cylinders.

### **Section K: First Aid Kit]**

A wall mounted multipurpose industrial style fully stocked first aid kit shall be located in the trailers walk in area. The kit shall meet or exceed ANSI Z308.1-2003 standards. The first aid kit shall be of a commonly known brand with restock items available.

### **SUPPLIER REQUIREMENTS:**

The supplier of the system shall professionally install and test all equipment prior to delivery of the unit. They shall also perform and provide a detailed inspection sheet signed by quality control personnel.

The supplier of this system must have been a regular dealer in the brand proposed/provided for at least ten years and must supply a listing of several similar and recent products with his bid. They must always stock all parts and materials, and be capable of providing factory trained technicians to service the unit

## **Warranty: [2 YEAR]**

### **YEAR ONE:**

A Factory warranty of at least two full years is to be provided on workmanship, equipment, and labor. Year 2 thru 5-year parts only warranty shall cover the compressor pump only.

There shall be no charge to the buyer for any parts or labor during the first-year warranty. All warranty work is to be performed within a reasonable time frame. Unless otherwise arranged all warranty work shall be performed at the supplier's facilities without cost to the buyer. The buyer shall pay all delivery charges or pay travel for repairs, all On-Site time and parts will be covered by the supplier. Any supplier whose warranty does not meet these terms shall provide a clear statement as to what the exceptions would be.

## **Insurance and Liability**

It shall be the responsibility of the supplier, [selling and or installing vendor], to carry and show proof of having Product Liability Insurance, [PLI], commercial general and automotive liability insurance of at least [1] one million dollars, manufacturers bidding on behalf of the local distributor due to the local **distributor not having [PLI] is not acceptable as the manufacture will not be providing the LOCAL support or installation. They must further show that they and their workers are covered under workers compensation and in accordance with state laws.**

## **Delivery**

Unless otherwise arranged, The Mobile Air and light trailer may be picked up at the Suppliers facility where the supplier will provide the buyer with a comprehensive training and instruction program.

The buyer would provide personnel to take delivery of the system If Drop shipped

**General:**

The supplier shall provide with their bid, fully descriptive literature on the product proposed.

Any exceptions to any of these specifications must be clearly stated on a separate page and attached to the bid form. (Failure to mention exceptions regardless of how insignificant could result in having their bid removed from consideration.)

The buyer reserves the right to reject acceptance on any product which does not meet these specifications, if the exceptions have not been agreed to in advance, in writing.