



8855 E BROAD ST
REYNOLDSBURG, OH 43068

SALES & SERVICE CENTERS
SALES@BREATHINGAIR.COM | SERVICE@BREATHINGAIR.COM

OHIO - CORP HQ
614.864.1235

INDIANA/KENTUCKY
614.986.1025

NORTH CAROLINA
336.674.0749

PENNSYLVANIA
412.564.5756

FLORIDA
352.629.7712

MICHIGAN
517.786.4060

TENNESSEE
423.634.3184

ILLINOIS
217.768.4408



a Subsidiary of Breathing Air Systems

210 LABRADOR DR.
RANDELMAN, NC 27317

WWW.BREATHINGAIR.COM

THE NATION'S LARGEST DISTRIBUTORS OF **BAUER**
COMPRESSORS

Breathing Air Systems
306 Ziegler Street
SUITE B
Chattanooga TN 37405
United States

BILL To
DALTON FIRE DEPARTMENT
404 SCHOOL ST
DALTON GA 30720
United States

Requested By: Todd Pangle
Title:
Email: tpangle@cityofdalton-ga.gov
Phone: (706) 278-7363

Ship To
Todd Pangle
DALTON FIRE DEPARTMENT
404 SCHOOL ST
DALTON GA 30720
United States

Quote

Page 1 of 2

Date	08/05/2020
Quote #	QUO-TN16
Customer ID	800398
Expires	10/04/2020
Sales Rep	Kevin Thompson
Terms	Net 30
Shipping Method	LTL Motor Freight
FOB	
Estimated Delivery Ti...	8 to 12 weeks

Sales Rep: Kevin Thompson
Sales Rep Email: kthompson@breathingair.com
Sales Rep Phone: (423) 634-3184

A 3% CREDIT CARD CONVENIENCE FEE WILL BE ADDED TO ALL ORDERS AT TIME OF FULFILLMENT FOR ALL CREDIT CARD TRANSACTIONS EXCEEDING \$1,200.00. A WIRE FEE OF \$42.50 WILL BE ADDED TO ALL ORDERS PAID BY WIRE.

Item	Quantity	Description	Rate	Amount
UN4-13H-E1	1	Bauer Ultized Air System. 6000 psi., 13.0 cfm. charging rate. 67,000 cu ft purification system with SECURUS electronic cartridge monitor. Includes a three position NFPA compliant fill station, Control panel with lexan laminate fill schematic, two ASME storage cylinders, automatic condensate drain system and PLC controller with smart pad operator interface console. Entire electrical assembly is UL LISTED. All in an attractive sound attenuating enclosure. Single phase electric.	56,734.00	56,734.00
Discount 12%			-12.00 %	-6,808.08
Subtotal				49,925.92
MNR-0029	1	CO monitor complete with calibration kit wired for alarm and shutdown	3,830.40	3,830.40
Discount 15%			-15.00 %	-574.56
Subtotal				3,255.84
UN4/RF/REL-9	1	Remote fill hose with 100 ft. hose reel. Includes adjustable regulator - gauge and isolation valve added to a UN4 compressor.	3,369.00	3,369.00
Discount 15%			-15.00 %	-505.35
Subtotal				2,863.65
SLP-HP-1X-INV	1	Single High Pressure Air Test	128.00	128.00
Labor	4	Service Labor to and from site, compressor startup, training and taking initial air quality test Extended Municipal Fire Department Warranty Provided.	119.00	476.00



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Breathing Air Systems
306 Ziegler Street
SUITE B
Chattanooga TN 37405
United States

Quote

Page 2 of 2

Date 08/05/2020
Quote # QUO-TN16
Customer ID 800398

Item	Quantity	Description	Rate	Amount
		Years 1-2 Parts & Labor, Years 3-5 Compressor Block Parts Only. See Sales Rep for additional details.		

Subtotal	56,649.41
Shipping Cost (LTL Motor Freight)	1,700.00
Total	\$58,349.41

ALL QUOTES ARE VALID FOR A MAXIMUM OF 60 DAYS.

PAYMENT TERMS: UNLESS OTHERWISE NOTED, ALL PAYMENTS ARE DUE NET 30 WITHIN 30 DAYS OF DELIVERY. PAST DUE INVOICES ARE SUBJECT TO LATE CHARGES AT THE RATE OF 1.5% PER MONTH (ANNUAL 18%).

ALL PARTS RETURNS OR EXCHANGES MUST BE COMPLETED WITHIN 45 DAYS FROM INVOICE DATE. ALL RETURNS REQUIRE A RETURN MERCHANDISE AUTHORIZATION. ALL RETURNS ARE SUBJECT TO A 15% RESTOCKING FEE.

SHIPPING CHARGES WILL BE ADDED WHEN ORDERS ARE FULFILLED.

NOTE: PAYMENTS BY CREDIT CARD WILL INCUR A CONVENIENCE FEE TOTALING 3.0% OF THE INVOICE TOTAL ON ALL TRANSACTIONS EXCEEDING \$1,200.00.

Quote Approved By: _____ (Print Name) _____

Approved By Signature: _____

Approved Date: _____



QUO-TN16

Charge Station and Cascade System

1. The charge station shall be a three position fill station with fill hoses within each fill station
2. The charge station shall completely enclose the SCBA or SCUBA cylinders during the filling process
3. The charge station shall come with a containment fragmentation shield
4. Safety pressure gauges
5. Comes complete with safety interlocks, safety gauges, charge and bleed valves
6. Must be capable of filling SCUBA cylinders up to 31" overall length
7. Equipped with, or have the ability to remote fill with regulator, pressure gauge, and line valve with 100' of high-pressure 6,000 psi hose
8. The system shall be set-up, installed, and checked out at the user's destination by the distributor/installer

Air Storage

1. Meets all ASME, DOT, and CFR codes
2. Comes with a minimum of two cylinders
 - a. Cylinders shall have a minimum 3:1 safety factor at 6,000PSIG
 - b. Mounted in a vertical configuration in a rack that is integral to the air station's frame
 - c. The rack shall be designed to accommodate four identical receivers
 - d. Each cylinder shall be supplied with a manual drain valve, an isolation valve and safety valve
 - e. All drain valves shall be piped to one convenient location with the enclosure

TRAINING

1. An operation manual (1 set minimum)
2. Training provided by the distributor on the operation and maintenance of the system

Please list below warranties and pricing:

Standard Warranty:

2 year full warranty on all components

Extended Warranty Option(s)

5 year warranty on compressor block



BID INSTRUCTIONS

Dalton Fire Department is seeking proposals from qualified firms to provide for purchase a new NFPA 1989 (2019 Edition) compliant breathing air compressor, charge station, cascade system, and storage system as outlined herein. City of Dalton reserves the right to accept or reject any or all bids.

- I. Bids must be received by **August 12, 2020 at 5:00PM**.
- II. Bids must be delivered to (by mail or presented in person at Dalton City Hall):

City of Dalton
Attn: Finance Office
300 W. Waugh ST.
Dalton, GA 30720-4268

NOTE: The City of Dalton will not pay any shipping or additional postage for packages

- III. **Bids must be sealed and marked:**

“Breathing Air Compressor Fill Station DFD 2020-05”

- IV. **Vendor Information:**

- A. System offered shall meet or exceed the detailed requirements listed in the specifications. Bidders shall indicate exactly what they are offering in response to the requirements of the bid. If primary and specific requirements are not met, your bid may be rejected.
- B. All parties submitting bids must be able to complete the City of Dalton Vendor Packet. Vendor information and vendor packets can be found on the city's website www.cityofdalton-ga.gov, under "Policies and Forms" located in the Finance Department section.

- C. All bids submitted shall be subject to acceptance or rejection and the City of Dalton specifically reserves the right to accept or reject any or all bids, to waive any technicalities and formalities in the bidding.
- D. Bidder shall submit all required forms and information simultaneously with sealed bids, which forms and information become a part of the property of the City of Dalton and will not be returned to bidders unless a written request to withdraw is received prior to **August 12, 2020 @ 5:00PM**.
- E. Any bids received thereafter will not be considered.
- F. Bids will be opened and read at the City of Dalton Finance Department located at 300 W. Waugh St. on **Monday August 13, 2020 @ 10:00AM**.
- G. Unless stated on the bid form, the bid submitted will assume all specifications will be met. Please note on the bid form all exceptions.
- H. The purchaser may consider as non-responsive, any bid in which there is an alteration of, or departure from the bid form hereto attached.

V. Questions:

For any questions please direct to the following contact

Chief Todd Pangle

Email: tpangle@daltonga.gov

Phone: 706-278-7363 ext.222



SPECIFICATIONS

Summary

Dalton Fire Department is seeking proposals from qualified firms to provide for purchase a new NFPA 1989 (2019 Edition) compliant breathing air compressor, charge station, cascade system, and storage system as outlined herein

GENERAL REQUIREMENTS

Proposals shall include:

1. Full information on the make, model and specifications of the breathing air compressor, charge station, cascade system, and the storage system offered.
2. Information on warranty and service conditions.
3. Total cost for all equipment and installation
4. Expected date of delivery after contract is signed.

Specific Requirements

Breathing air compressor, charge station, cascade system, and storage system proposed must meet the following minimum specifications:

Breathing Air Compressor

1. Connect to and operate on our current electrical supply (single phase, 230 volts)

2. In order to fit within our current space, and be easily operable, system must not exceed 115" in length, and must not exceed 45" in depth
3. The entire unit, to include fill station, cascade cylinders, and compressor, shall be enclosed within one single cabinet
4. Minimum 10 horsepower/13 cfm charge rate breathing air compressor
5. The breathing air compressor shall be capable of producing pressures up to 6,000 psi
6. Air quality monitors
7. Moisture indicators
8. Automatic condensate drain system with automatic "full" indication and compressor shutdown
9. Automatic drain system with muffler and reservoir
10. Automatic low-oil shutdown (with indicator)
11. Stage gauge panel
12. Emergency palm shutdown button
13. Operation time meter
14. Automatic high-temperature shut down (with indicator)
15. Automatic control and digital readout panel
16. Meets NFPA, and OSHA standards
17. Controller designed to monitor and control compressor's operations
 - a. Monitor the compressor's discharge air temperature and oil level
 - b. Measure the CO and/or dew point for maximum outputs and shuts the compressor down to ensure acceptable air quality
 - c. Low-oil and high-temperature alarms
 - d. Measure and alarms for high CO and dew point levels
 - e. Alerts for service and collects data of the compressor usage
 - f. Programmable and user-friendly

Purification System

1. Purification system capable of purifying 67,000 cubic feet of breathing air
2. Purification system shall deliver air that exceeds all recognized respiratory standards as set by OSHA, CGA, and NFPA
3. Cartridge monitoring indicating moisture levels shown on display
4. All systems shall deliver Grade E air

BID FORM

TO: City of Dalton – Finance Department ATTN:
Cindy Jackson
300 W. Waugh St.
Dalton, Georgia 30120-4268

BID PKG. "Breathing Air Compressor Fill Station DFD 2020-05"

Total Cost: \$ 58,349.41

Warranty Cost(s):

NO additional COST

All bids submitted shall be subject to acceptance or rejection and the City of Dalton specifically reserves the right to accept or reject any or all bids, to waive any technicalities and formalities in the bidding.

Kevin Thompson
Name of Individual, Partner or Corporation

Sales Mgr.
Title

Kevin Thompson
Authorized Signature

Breathing Air Systems
Company

306 Ziegler STREET
Address

CHATTANOOGA, TN 37405
City, State, Zip Code

423-634-3184
Company phone number

BIDDERS DECLARATION

The bidder understands, agrees and warrants:

- That the bidder has carefully read and fully understands the full scope of the specifications.
- That the bidder has the capability to successfully undertake and complete the responsibilities and obligations in said specifications.
- That this bid may be withdrawn by requesting such withdrawal in writing at any time prior to **August 12, 2020 at 5:00PM**, but may not be withdrawn after such date and time.
- That the City of Dalton reserves the right to reject any or all bids and to accept that bid which will, in its opinion, best serve the public interest. The City of Dalton reserves the right to waive any technicalities and formalities in the bidding.
- That by submission of this bid the bidder acknowledges that the City of Dalton has the right to make any inquiry or investigation it deems appropriate to substantiate or supplement information supplied by the bidder.

BIDDER:

KEVIN Thompson
Name

SALES Mgr.
Title

Breathing Air Systems
Name

Title

UNICUS 4

The **TOTAL SYSTEM**, proven reliability after decades in the field.
The **LOWEST** lifetime ownership cost of any high-pressure compressor!



STANDARD FEATURES:

- BAUER Compressor from 10 cfm to 42 cfm
- ASME storage system, 2 cylinders
- 3-position containment-style fill station. NFPA Compliant! Capable of filling 5500psi.
- Cartridge-type purification system
- Electronic cartridge monitoring system
- PLC controller
- Graphic design control panels
- Audible alarm
- Emergency stop switch
- Automatic shutdowns both low-oil pressure & hi temp
- Priority Refill System, with storage bypass valve
- Interstage gauges mounted inside cabinet

Shown with optional Fire Edition paint.

The standard color is hammertone grey and blue.

The Fire Edition paint scheme is an extra cost option.

Two Year On-Site Warranty!

DESIGN YOUR OWN UNICUS III. TELL US WHAT OPTIONS WILL WORK BEST FOR YOU.

- Choose from 7 different-sized compressors, 5000 or 6000psi
- Electronic digital readout, carbon monoxide monitor. (Mandated by NFPA 1989)
- Cabinet-enclosed, spring rewind hose reel & 100-ft. hose, with fittings and an adjustable regulator
- ASME storage system: add 1 or 2 more cylinders. OR, change from ASME storage to DOT/ISO
- Regulated remote outlet with quick disconnect
- Refill hose to fill mobile systems



Basic internal view of the UNICUS 4 and 4i.

Shown with optional four-cylinder ASME storage system.

UNICUS 4[®]

4 AND 5-STAGE ALL-IN-ONE

HIGH PRESSURE BREATHING AIR COMPRESSORS

A modern upgrade with the simplicity of analog controls. Aesthetically pleasing yet robust design found only in the UNICUS 4 All-In-One platform. The system is available in either 5000 or 6000 psig with discharge capacities ranging from 13 scfm charge rate to 26 scfm charge rate. Unsurpassed maintenance accessibility abounds as we have provided all access doors with Snap pin technology - pull the pin and lift the door, no hand tools are required. Should you require accessibility to the back of the operations panel, no problem, we have your back, the panel tilts forward. All requisite panels are equipped with sound attenuated material. An integral rack built to accommodate four (4) storage cylinders is standard, along with the piping. Additionally, we provide two (2) ASME coded air storage cylinders as a part of the standard scope of supply. If you want to dress your unit up in concert with the Fire Department theme, ask about our Fire Edition package. When your department needs the best All-In-One compressor system on the market, today and backed by our global network of service Partners look to BAUER.



- **PRESSURE:**
Up to 6000 PSIG
(414 BAR)
- **CHARGING RATE:**
13 to 42 SCFM
(368 to 1190 L/MIN)
- **POWER:**
10 to 30 HP
(7.5 to 22 kW)

UNICUS 4
FIRE EDITION
OPTIONAL FIRE EDITION PAINT SCHEME
(SHOWN HERE)

STANDARD SCOPE OF SUPPLY

- BAUER breathing air purification system with SECURUS
- BAUER PLC based controller with 7 color HMI touchscreen display
- NEMA 4 rated electrical enclosure with UL[®] listed control panel
- Emergency low oil pressure and high temperature safety shutdowns
- Hinged cascade fill control panel with Lexan laminate air flow/fill schematic
- Audible alarm on safety shutdowns
- Inlet filter maintenance indicator
- Automatic condensate drain system with non-corrosive condensate receiver and integrated float sensor and automatic "Fill" indication and compressor shutdown
- Two (2) ASME code stamped air cylinders installed in an integral rack designed to hold four cylinders
- Sound attenuating enclosure with slam-action latches and lift-off type hinges
- NFPA 1901 2016 edition compliant 3 position containment fill station accommodates SCBA or SCUBA cylinders up to 31" overall length

AVAILABLE ACCESSORIES (FACTORY INSTALLED)

- CO monitoring system
- H₂S monitoring system with audible alarm
- 100 ft high pressure cabinet enclosed hose reel
- Additional air storage cylinders
- Panel mounted remote fill hose connection
- Dual FIM/3 position
- Tri FIM/3 position

SYSTEM FOOTPRINT

UN 4/13H-E1/E3 - UN 4/26-E2:
DIMENSIONS L x W x H (inches / mm)
101" x 36" x 78" (2555mm x 965mm x 1981mm)
WEIGHT pounds (kg)
4350 - 4550 lb (1973 - 2064 kg)

TECHNICAL DATA

Model	Charging Rate	Number of Stages	Initial Rate	PSI	PSI Rate	PSI System
UN 4/13H-E3	21	5/9/5	4	15	11	17.5
UN 4/26H-E3	24	7/14	4	20	15	22
UN 4/13H-E3	33	2/14/4	4	10	7.5	11.5
UN 4/13H-E3	18	5/10	4	15	11	17.5
UN 4/26H-E3	26.2	7/14	5	20	15	21
1) Based on operating at 90% cycle rate, from 200 to 2600 psig. 2) Compressor operating referenced to ambient static conditions, 20°C/72°F/40.0/10.0/0.0 psig. Other voltage options are available upon request. Dimensions and weights are approximate and are subject to change.						

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City of Dalton, GA
Attn: Finance Office

Breathing Air Compressor FILL Station DFD 2020-05 PROPOSAL NARRATIVE

Dear City of Dalton,

Phoenix Energy Corp is pleased to offer the following proposal to the City of Dalton Fire Department for the purchase of a new NFPA 1989 compliant breathing air compressor, charge station, cascade storage system and storage system.

NEW EQUIPMENT AS FOLLOWS:

**COMPLETELY ENCLOSED CENTAUR 3G2 10 HP 220/1/60 VAC 4 STAGE COMPRESSOR.
13 CFM 6000 PSI COMPRESSOR**

3 POSITION FILL STATION WITH PURIFICATION CAPABLE OF PURIFYING 67,000CF @STP DEPENDENT OF AMBIENT CONDITIONS.

MOISTURE MONITOR

BULK ASME STORAGE SYSTEM 6000 PSI CYLINDERS (2) BASED ON 3:1 SAFETY FACTOR IN SPEC

100' 7000 PSI RATED HOSE

FILL ADAPTER VLVBLDGA

SHIPPING

INSTALLATION

WARRANTY:

Twenty four (24) months from initial startup, thirty (30) months from shipment from manufacturer, or 500 running hours, whichever period occurs first. Additionally, there shall be a thirty six (36) month warranty on the compressor block. Full warranty information has been included with the equipment spec sheets.

LEAD-TIME:

A lead-time of 12 weeks is to be expected for the delivery of the equipment to the job site.

We appreciate the opportunity to submit our proposal for your project. Please contact me at (205) 338-6893 with any questions you may have.

Best regards,

Matt Hyde
President, Phoenix Energy Corp

PHOENIX ENERGY CORP

FED ID #80-0095476
164 LEWIS LAKE LANE
PELL CITY, AL 35125

Quote

Date	Quote #
8/12/2020	367

Name / Address
City of Dalton Fire Department

Rep	Project
MH	

Description	Qty	Total
COMPLETELY ENCLOSED CENTAUR 3G2 10 HP 220/1/60 VAC 4 STAGE COMPRESSOR	1	45,000.00T
13 CFM 6000 PSI COMPRESSOR WITH 3 POSITION FILL STATION WITH PURIFICATION. PURIFICATION CAPABLE OF PURIFYING 67,000CF @ STP DEPENDANT ON AMBIENT CONDITIONS		
CENTAUR CO MONITOR	1	
MOISTURE MONITOR	1	
BULK ASME SYSTEM 6000 PSI CYLINDER (2) BASED ON 3:1 SAFETY FACTOR IN SPEC	1	
HOSE 100FT 7000 PSI RATED	1	
FILL ADAPTER VLVBLDGA	1	
SHIPPING	1	
INSTALLATION	1	1,600.00T
NOTE: 1. The standard aux high pressure port shall be plumbed as regulated to accommodate the 100ft regulated hose and is included in the price. 2. No cascade panel was requested. (2) ASME cylinders shall be plumbed as bulk storage. 3. LEAD TIME IS 10-12 WEEKS ARO 4. EQUIPMENT STANDARD FEATURES SHEETS ARE INCLUDED AND EQUIPMENT MEETS ALL CRITERIA IN LISTED SPECIFICATIONS		
TAX EXEMPT SALES-OUT OF STATE OR CERT. REQUIRED		0.00
	Total	\$46,600.00

Centaur

Stallion Centaur models integrate all components of a cylinder refill system into a single, turn-key package including a compressor, air storage vessel(s), purification system, air management panel and a containment fill station.

Standard features include:

- 6000 psi system- select from 7.5 to 25 horsepower
- "Bulk" air management panel, with remote fill port / valve
- 2 or 3 position containment fill enclosure
- Purification system matched to compressor output
- Fully enclosed cabinet for quiet operation
- Latching service access doors
- Color touch-screen operator interface for simple, automated operation and monitoring with shut-down alarms and on-screen status messages
- Stallion Sample Tap System (STS) for easy air sample retrieval

Optional features:

- "Cascade" air management panel
- Stallion Auto-Fill system
- ASME or ISO Storage Vessels
- CO Monitor
- Moisture monitor
- Spring Rewind Hose Reel Module (50', 75' or 100')
- Comprehensive electronic interstage monitoring
- Connectivity package (email or text alerts for system status changes or malfunctions)
- Connections for remote storage cylinders

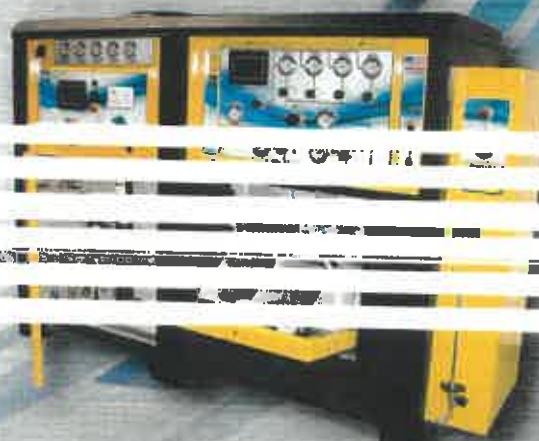
Centaur models are defined by the capacity of the fill station and the number of storage vessels that can be mounted in the cabinet. The Centaur 2 is the smallest of the series and is frequently chosen when space is a consideration. The Centaur 2-4 and Centaur 3 are equal in size, but offer expanded capabilities over the Centaur 2.

Centaur2G2

- 2 Position Fill Station
- Accepts up to 3 ASME or ISO Storage Vessels

Standard Dimensions

83-7/8" W 34-1/8" D x 74-5/8" H



Shown with optional Hose Reel

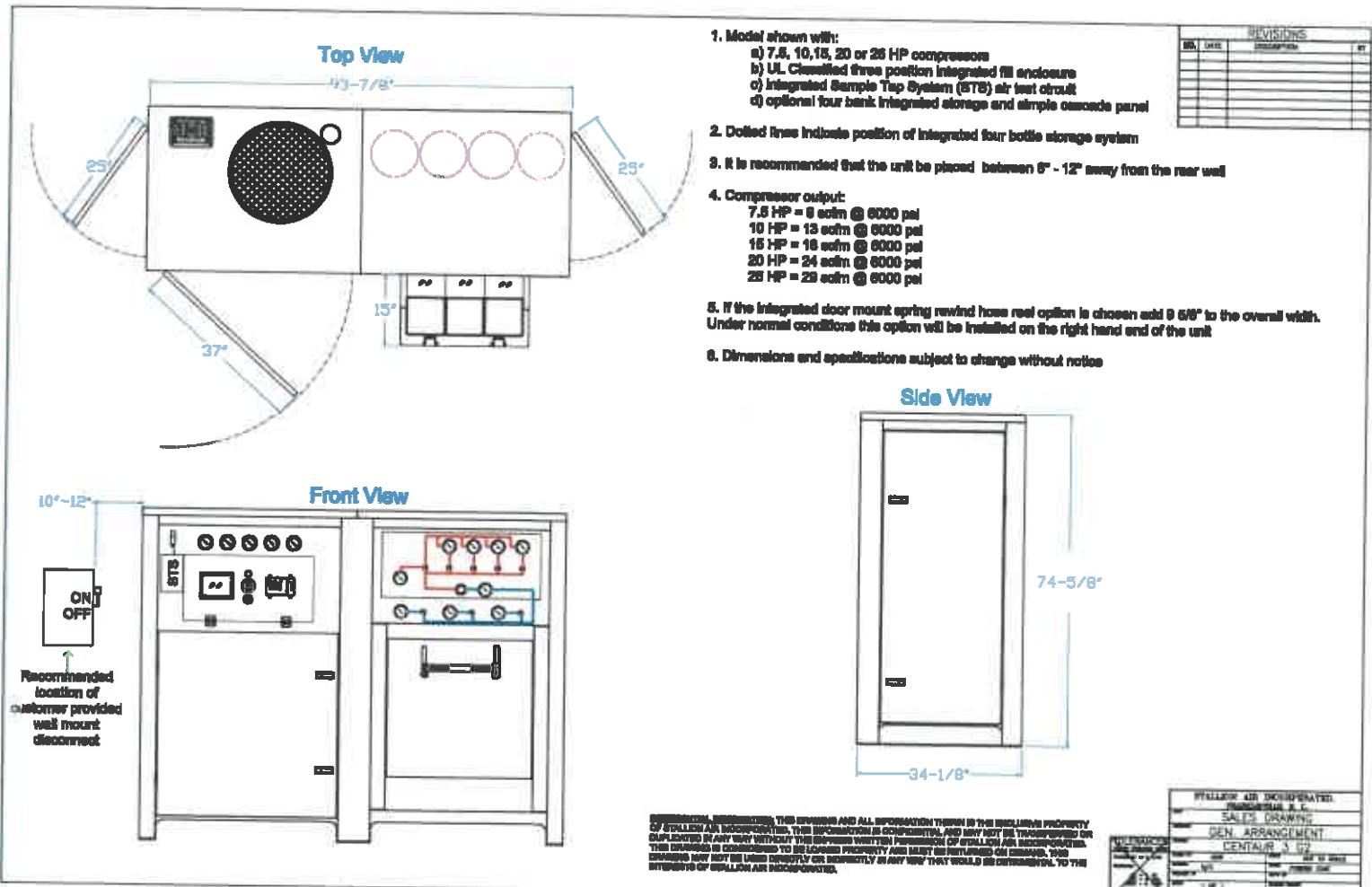
Centaur3G2

- 3 Position Fill Station
- Accepts up to 4 ASME or ISO Storage Vessels

Standard Dimensions

93-7/8" W 34-1/8" D 74-5/8" H





CERTIFICATE OF COMPLIANCE

Certificate Number 20160915-EX27235
Report Reference EX27235-20160915
Issue Date 2016-SEPTEMBER-15

Issued to: STALLION AIR INC
4675 US HWY 64 E.
BUILDING 4
FRANKLINVILLE, NC 27248

This is to certify that AUTOMOTIVE FIRE APPARATUS EQUIPMENT
representative samples of See Addendum.

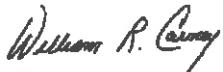
Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: Standard for Automotive Fire Apparatus, NFPA 1901-2016.
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Classification Mark should be considered as being
covered by UL's Classification and Follow-Up Service.

The UL Classification Mark includes: UL in a circle; with the word "CLASSIFIED" ® (as shown);
a control number (may be alphanumeric) assigned by UL; a statement to indicate the extent of
UL's evaluation of the product; and the product category name (product identity) as indicated in
the appropriate UL Directory.

Look for the UL Classification Mark on the product.



William R. Carney, Director, North American Certification Programs

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at www.ul.com/contact-us.



CERTIFICATE OF COMPLIANCE

Certificate Number 20160915-EX27235
Report Reference EX27235-20160915
Issue Date 2016-SEPTEMBER-15

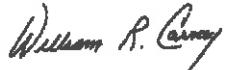
This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Model No./Name	Cylinder Type	Rated Pressure (psi)	No. of Cylinders
SACF2MG2	SCBA	5500	2
SACF2MG2	SCUBA	3000	2
SACF3MG2	SCBA	5500	3
SACF3MG2	SCUBA	3000	3
SACF2G2	SCBA	5500	2
SACF2G2	SCUBA	3000	2
SACF3G2	SCBA	5500	3
SACF3G2	SCUBA	3000	3
CEN2-xxxG2	SCBA	5500	2
CEN2-xxxG2	SCUBA	3000	2
CEN3-xxxG2	SCBA	5500	3
CEN3-xxxG2	SCUBA	3000	3

xxx - Denotes customer specific designations (horsepower, voltage, etc.)

All 2 cylinder models above utilize base unit SACF2MG2.

All 3 cylinder models above utilize base unit SACF3MG2.



William R. Carney, Director, North American Certification Programs

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at www.ul.com/certificat



Limited Warranty

Stallion Air Inc. warrants this product to operate in accordance with its specifications free from defects in material and workmanship, under normal conditions described in its Operating and Maintenance Manual for twenty-four (24) months from initial startup, thirty (30) months from shipment by Stallion or 500 running hours whichever period occurs first. Additionally there shall be a (36) month extended warranty on the compressor block. This shall include defective parts only and not include any labor or travel charges. Replacement parts are warranted to be free from defects in materials and workmanship for the remainder of the applicable original warranty period for the original product, or ninety (90) days from date of shipment by Stallion, whichever period occurs later. The warranty does not cover operating failures caused damage due to abuse, accident, operation under abnormal conditions, or repair with non OEM parts or by persons not authorized by Stallion.

Stallions only obligation under the warranty is, at its option, to repair or replace any parts which are determined by it to have become defective during the applicable warranty period, provided the warranty claim is made within thirty (30) days after the end of the applicable warranty period. This is the buyer/owner's exclusive remedy for breach of the warranty. The owner/user assumes all risks of any other direct, indirect, incidental or sub-sequential loss or damages, and no claim for any such loss or damages based on (i) breach of warranty, (ii) negligence, strict liability or other tort, or (iii) breach of contract, will be asserted by the owner/user or accepted by Stallion. This warranty is made in lieu of the warranties or merchantability, fitness for particular purpose, and all other warranties, express or implied and may not be varied or extended except in writing by an authorized official of Stallion Air Inc.

Safety

A Stallion Air Inc. Compressor has been designed to delivery safe breathing air up to 6000 psig working pressure depending upon the installed compressor block. However, no design can remove all possibilities for error and free the user of all responsibility for safe operating and maintenance practices. The following paragraphs are intended to be a reminder of some of the more important aspects of safe operation.

1. These machines are safe and will not present a risk to health when properly used in accordance with the correct oil and filtration suitable for breathing applications.
2. All ancillary equipment must be suitable for the pressures and capacities involved, such as pipe work, connections, additional devices, safety valves, fittings, etc. In addition, regulations applicable at site must be observed.
3. Before maintenance or dismantling, isolate all electrical supply from machine and auxiliary equipment, isolate it from storage pipe work and release all pressure from the machine, pipe work and storage vessels.
4. Read your manual carefully. If questions persist, call Stallion for any clarification needed.
5. If you have any doubt about the Quality of the air being drawn into the compressor, have it tested by a certified laboratory.

Recommended Maintenance Schedule

Action Required	Running Hours							Or 6 Months	Or 12 Months
	50	500	1000	1500	2000	2500	3000		
Change Oil (Mineral -Based to Synthetic)	<u>X</u>							<u>X</u> *	
Change Oil and filter	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	
Replace Intake Filter	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
Hydrostatically Test Intercoolers and relief valves							<u>X</u>		
Change final stage piston rings						<u>X</u>		<u>X</u>	
Valve Maintenance Kits all stages					<u>X</u>			<u>X</u>	
Replace final Stage Piston/Liner								<u>X</u>	
Replace Piston Rings (1st, 2nd, & 3rd, 4th Stages)							<u>X</u>	<u>X</u>	

* Run unit non-synthetic, mineral-based compressor oil, Rotella T6 30w or equivalent for 25 hours to seat rings.

Compressor Service Conditions

In general an annual service is required. This is dependent on run hours of the unit and operating condition. Annual Service would consist of the following:

1. Oil inspection and/or oil change. Unit will require first oil and filter change at 25 hours.
2. Filter inspection/replacement. This will be determined based on condition of filtration.
3. See below service interval for Compressor.

Estimated Annual Service cost:

\$600.00 - \$800.00



SPECIFICATIONS

Summary

Dalton Fire Department is seeking proposals from qualified firms to provide for purchase a new NFPA 1989 (2019 Edition) compliant breathing air compressor, charge station, cascade system, and storage system as outlined herein

GENERAL REQUIREMENTS

Proposals shall include:

1. Full information on the make, model and specifications of the breathing air compressor, charge station, cascade system, and the storage system offered.
2. Information on warranty and service conditions.
3. Total cost for all equipment and installation
4. Expected date of delivery after contract is signed.

Specific Requirements

Breathing air compressor, charge station, cascade system, and storage system proposed must meet the following minimum specifications:

Breathing Air Compressor

1. Connect to and operate on our current electrical supply (single phase, 230 volts)

2. In order to fit within our current space, and be easily operable, system must not exceed 115" in length, and must not exceed 45" in depth
3. The entire unit, to include fill station, cascade cylinders, and compressor, shall be enclosed within one single cabinet
4. Minimum 10 horsepower/13 cfm charge rate breathing air compressor
5. The breathing air compressor shall be capable of producing pressures up to 6,000 psi
6. Air quality monitors
7. Moisture indicators
8. Automatic condensate drain system with automatic "full" indication and compressor shutdown
9. Automatic drain system with muffler and reservoir
10. Automatic low-oil shutdown (with indicator)
11. Stage gauge panel
12. Emergency palm shutdown button
13. Operation time meter
14. Automatic high-temperature shut down (with indicator)
15. Automatic control and digital readout panel
16. Meets NFPA, and OSHA standards
17. Controller designed to monitor and control compressor's operations
 - a. Monitor the compressor's discharge air temperature and oil level
 - b. Measure the CO and/or dew point for maximum outputs and shuts the compressor down to ensure acceptable air quality
 - c. Low-oil and high-temperature alarms
 - d. Measure and alarms for high CO and dew point levels
 - e. Alerts for service and collects data of the compressor usage
 - f. Programmable and user-friendly

Purification System

1. Purification system capable of purifying 67,000 cubic feet of breathing air
2. Purification system shall deliver air that exceeds all recognized respiratory standards as set by OSHA, CGA, and NFPA
3. Cartridge monitoring indicating moisture levels shown on display
4. All systems shall deliver Grade E air

Charge Station and Cascade System

1. The charge station shall be a three position fill station with fill hoses within each fill station
2. The charge station shall completely enclose the SCBA or SCUBA cylinders during the filling process
3. The charge station shall come with a containment fragmentation shield
4. Safety pressure gauges
5. Comes complete with safety interlocks, safety gauges, charge and bleed valves
6. Must be capable of filling SCUBA cylinders up to 31" overall length
7. Equipped with, or have the ability to remote fill with regulator, pressure gauge, and line valve with 100' of high-pressure 6,000 psi hose
8. The system shall be set-up, installed, and checked out at the user's destination by the distributor/installer

Air Storage

1. Meets all ASME, DOT, and CFR codes
2. Comes with a minimum of two cylinders
 - a. Cylinders shall have a minimum 3:1 safety factor at 6,000PSIG
 - b. Mounted in a vertical configuration in a rack that is integral to the air station's frame
 - c. The rack shall be designed to accommodate four identical receivers
 - d. Each cylinder shall be supplied with a manual drain valve, an isolation valve and safety valve
 - e. All drain valves shall be piped to one convenient location with the enclosure

TRAINING

1. An operation manual (1 set minimum)
2. Training provided by the distributor on the operation and maintenance of the system

Please list below warranties and pricing:

Standard Warranty:

(24) months from initial start-up, (30) months from shipment by manufacturer or 500 running hours, whichever period occurs first. (36) month extended on compressor block.

Extended Warranty Option(s)

N/A

BID FORM

TO: City of Dalton – Finance Department ATTN:
Cindy Jackson
300 W. Waugh St.
Dalton, Georgia 30120-4268

BID PKG. "Breathing Air Compressor Fill Station DFD 2020-05"

Total Cost: \$ 46,600.00

Warranty Cost(s):

N/A

All bids submitted shall be subject to acceptance or rejection and the City of Dalton specifically reserves the right to accept or reject any or all bids, to waive any technicalities and formalities in the bidding.

Matt Hyde
Name of Individual, Partner or Corporation
Owner / President
Title
Aaron Hyde
Authorized Signature

Phoenix Energy Corp
Company
164 Lewis Lake Ln
Address
Pell City, AL 35125
City, State, Zip Code

205-338-6893
Company phone number

BIDDERS DECLARATION

The bidder understands, agrees and warrants:

- That the bidder has carefully read and fully understands the full scope of the specifications.
- That the bidder has the capability to successfully undertake and complete the responsibilities and obligations in said specifications.
- That this bid may be withdrawn by requesting such withdrawal in writing at any time prior to **August 12, 2020 at 5:00PM**, but may not be withdrawn after such date and time.
- That the City of Dalton reserves the right to reject any or all bids and to accept that bid which will, in its opinion, best serve the public interest. The City of Dalton reserves the right to waive any technicalities and formalities in the bidding.
- That by submission of this bid the bidder acknowledges that the City of Dalton has the right to make any inquiry or investigation it deems appropriate to substantiate or supplement information supplied by the bidder.

BIDDER:



Name



Title

Name

Title

Contractor Affidavit under O.C.G.A. § 13-10-91(b)(I)

The undersigned contractor ("Contractor") executes this Affidavit to comply with O.C.G.A § 13-10-91 related to any contract to which Contractor is a party that is subject to O.C.G.A. § 13-10-91 and hereby verifies its compliance with O.C.G.A. § 13-10-91, attesting as follows:

- a) The Contractor has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program;
- b) The Contractor will continue to use the federal work authorization program throughout the contract period, including any renewal or extension thereof;
- c) The Contractor will notify the public employer in the event the Contractor ceases to utilize the federal work authorization program during the contract period, including renewals or extensions thereof;
- d) The Contractor understands that ceasing to utilize the federal work authorization program constitutes a material breach of Contract;
- e) The Contractor will contract for the performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the Contractor with the information required by O.C.G.A. § 13-10-91(a), (b), and (c);
- f) The Contractor acknowledges and agrees that this Affidavit shall be incorporated into any contract(s) subject to the provisions of O.C.G.A. § 13-10-91 for the project listed below to which Contractor is a party after the date hereof without further action or consent by Contractor; and
- g) Contractor acknowledges its responsibility to submit copies of any affidavits, drivers' licenses, and identification cards required pursuant to O.C.G.A. § 13-10-91 to the public employer within five business days of receipt.

469186

Federal Work Authorization User Identification Number

Phoenix Energy Corp

Name of Contractor

City of Dalton, GA

Name of Public Employer

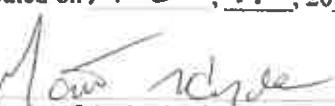
2/27/2020

Date of Authorization

Name of Project

I hereby declare under penalty of perjury that the foregoing is true and correct.

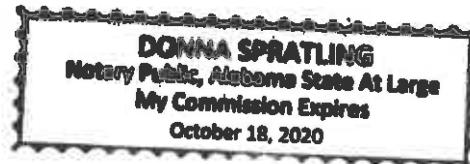
Executed on Aug 11, 2020 in Pell City (city), AL (state).


Signature of Authorized Officer or Agent


Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE 11th DAY OF Aug 2020


NOTARY PUBLIC
My Commission Expires: 10/18/2020



PHOENIX ENERGY CORP

FED ID #80-0095476
164 LEWIS LAKE LANE
PELL CITY, AL 35125

Quote

Date	Quote #
8/18/2020	369

Name / Address
City of Dalton Fire Department

Rep	Project
MH	

Description	Qty	Total
COMPLETELY ENCLOSED CENTAUR 3G2 10 HP 220/1/60 VAC 4 STAGE COMPRESSOR	1	49,460.00T
13 CFM 6000 PSI COMPRESSOR WITH 3 POSITION FILL STATION WITH PURIFICATION. PURIFICATION CAPABLE OF PURIFYING 67,000CF @ STP DEPENDANT ON AMBIENT CONDITIONS		
CENTAUR CO MONITOR	1	
MOISTURE MONITOR	1	
4 BANK CASCADE SYSTEM	1	
CASCADE ASME SYSTEM (2) 6000 PSI CYLINDERS BASED ON ASME 3:1 SAFETY FACTOR IN SPEC	1	
SPRING REWIND HOSE REEL. 100' WITH FILL ADAPTER ASSEMBLY. INTEGRATED DOOR MOUNT HOSE REEL. REFER TO NOTE #1 FOR REGULATION OF HOSE.	1	
FILL ADAPTER VLVBLDGA	1	
INSTALLATION	1	2,250.00T
NOTE:		
1. The standard aux high pressure port shall be plumbed as regulated to accommodate the 100ft regulated hose and is included in the price.		
2. System includes 4 bank cascade with 2 ASME cylinders with room to add (2) existing cylinders.		
3. LEAD TIME IS 10 WEEKS ARO		
4. EQUIPMENT STANDARD FEATURES SHEETS ARE INCLUDED AND EQUIPMENT MEETS ALL CRITERIA IN LISTED SPECIFICATIONS		
TAX EXEMPT SALES-OUT OF STATE OR CERT. REQUIRED		0.00
Quote for listed items above. Pricing good for 30 days.	Total	\$51,710.00

PHOENIX ENERGY CORP

FED ID #80-0095476
164 LEWIS LAKE LANE
PELL CITY, AL 35125

Quote

Date	Quote #
8/12/2020	367

Name / Address
City of Dalton Fire Department

Rep	Project
MH	

Description	Qty	Total
COMPLETELY ENCLOSED CENTAUR 3G2 10 HP 220/1/60 VAC 4 STAGE COMPRESSOR	1	49,460.00T
13 CFM 6000 PSI COMPRESSOR WITH 3 POSITION FILL STATION WITH PURIFICATION. PURIFICATION CAPABLE OF PURIFYING 67,000CF @ STP DEPENDANT ON AMBIENT CONDITIONS		
CENTAUR CO MONITOR	1	
MOISTURE MONITOR	1	
4 BANK CASCADE SYSTEM	1	
CASCADE ASME SYSTEM (2) 6000 PSI CYLINDERS BASED ON ASME 3:1 SAFETY FACTOR IN SPEC	1	
SPRING REWIND HOSE REEL. 100' WITH FILL ADAPTER ASSEMBLY. INTEGRATED DOOR MOUNT HOSE REEL.	1	
REFER TO NOTE #1 FOR REGULATION OF HOSE.		
FILL ADAPTER VLVBLDGA	1	
INSTALLATION	1	2,250.00T
OPTION: Send existing cylinders and relief valves to factory for installation into new equipment	2	300.00T
Cost for NOTE #2		
NOTE:		
1. The standard aux high pressure port shall be plumbed as regulated to accommodate the 100ft regulated hose and is included in the price.		
2. System includes 4 bank cascade with 2 ASME cylinders with room to add (2) existing cylinders. Option to send existing cylinders to factory so that they can be factory installed with new equipment.		
3. LEAD TIME IS 10 WEEKS ARO		
4. EQUIPMENT STANDARD FEATURES SHEETS ARE INCLUDED AND EQUIPMENT MEETS ALL CRITERIA IN LISTED SPECIFICATIONS		
TAX EXEMPT SALES-OUT OF STATE OR CERT. REQUIRED		0.00

Quote for listed items above. Pricing good for 30 days.

Total

\$52,010.00

In the space provided in each line item, please indicate if the proposal submitted includes the specified item by placing either yes or no. If there is an additional cost associated to include the item, include the additional cost for evaluation purposes.

GENERAL REQUIREMENTS

Proposals shall include:

1. Full information on the make, model and specifications of the breathing air compressor, charge station, cascade system, and the storage system offered.
2. Information on warranty and service conditions.
3. Total cost for all equipment and installation
4. Expected date of delivery after contract is signed.

Specific Requirements

Breathing air compressor, charge station, cascade system, and storage system proposed must meet the following minimum specifications:

Breathing Air Compressor

1. Connect to and operate on our current electrical supply (single phase, 230 volts) YES
2. In order to fit within our current space, and be easily operable, system must not exceed 115" in length, and must not exceed 45" in depth YES
3. The entire unit, to include fill station, cascade cylinders, and compressor, shall be enclosed within one single cabinet YES
4. Minimum 10 horsepower/13 cfm charge rate breathing air compressor YES
5. The breathing air compressor shall be capable of producing pressures up to 6,000 psi YES
6. Air quality monitors Yes (CO MONITOR)
7. Moisture indicators Yes (MOISTURE MONITOR)
8. Automatic condensate drain system with automatic "full" indication and compressor shutdown YES
9. Automatic drain system with muffler and reservoir YES
10. Automatic low-oil shutdown (with indicator) YES

11. Stage gauge panel YES
12. Emergency palm shutdown button YES
13. Operation time meter YES
14. Automatic high-temperature shut down (with indicator) YES
15. Automatic control and digital readout panel YES
16. Meets NFPA, and OSHA standards YES
17. Controller designed to monitor and control compressor's operations
 - a. Monitor the compressor's discharge air temperature and oil level YES
 - b. Measure the CO and/or dew point for maximum outputs and shuts the compressor down to ensure acceptable air quality YES
 - c. Low-oil and high-temperature alarms YES
 - d. Measure and alarms for high CO and dew point levels YES
 - e. Alerts for service and collects data of the compressor usage YES
 - f. Programmable and user-friendly YES

Purification System

1. Purification system capable of purifying 67,000 cubic feet of breathing air YES
CAPABLE OF 67,000CF @ STP AND AMBIENT CONDITIONS
2. Purification system shall deliver air that exceeds all recognized respiratory standards as set by OSHA, CGA, and NFPA YES
3. Cartridge monitoring indicating moisture levels shown on display YES
4. All systems shall deliver Grade E air YES

Charge Station and Cascade System

1. The charge station shall be a three position fill station with fill hoses within each fill station YES
2. The charge station shall completely enclose the SCBA or SCUBA cylinders during the filling process YES
3. The charge station shall come with a containment fragmentation shield YES
4. Safety pressure gauges YES
5. Comes complete with safety interlocks, safety gauges, charge and bleed valves YES
6. Must be capable of filling SCUBA cylinders up to 31" overall length YES
7. Equipped with, or have the ability to remote fill with regulator, pressure gauge, and line

valve with 100' of high-pressure 6,000 psi hose YES

8. The system shall be set-up, installed , and checked out at the user's destination by the distributor/installer YES

Air Storage

1. Meets all ASME, DOT, and CFR codes YES ASME
2. Comes with a minimum of two cylinders
 - a. Cylinders shall have a minimum 3:1 safety factor at 6,000PSIG THIS IS AN ASME SPEC
 - b. Mounted in a vertical configuration in a rack that is integral to the air station's frame YES
 - c. The rack shall be designed to accommodate four identical receivers YES
 - d. Each cylinder shall be supplied with a manual drain valve, an isolation valve and safety valve YES
 - e. All drain valves shall be piped to one convenient location with the enclosure YES

TRAINING

1. An operation manual (1 set minimum) INCLUDED
2. Training provided by the distributor on the operation and maintenance of the system YES

PHOENIX ENERGY CORP

FED ID #80-0095476
 164 LEWIS LAKE LANE
 PELL CITY, AL 35125

Quote

Date	Quote #
8/12/2020	367

Name / Address
City of Dalton Fire Department

Rep	Project
MH	

Description	Qty	Total
COMPLETELY ENCLOSED CENTAUR 3G2 10 HP 220/1/60 VAC 4 STAGE COMPRESSOR	1	49,460.00T
13 CFM 6000 PSI COMPRESSOR WITH 3 POSITION FILL STATION WITH PURIFICATION. PURIFICATION CAPABLE OF PURIFYING 67,000CF @ STP DEPENDANT ON AMBIENT CONDITIONS		
CENTAUR CO MONITOR	1	
MOISTURE MONITOR	1	
4 BANK CASCADE SYSTEM	1	
CASCADE ASME SYSTEM (2) 6000 PSI CYLINDERS BASED ON ASME 3:1 SAFETY FACTOR IN SPEC	1	
SPRING REWIND HOSE REEL. 100' WITH FILL ADAPTER ASSEMBLY. INTEGRATED DOOR MOUNT HOSE REEL. REFER TO NOTE #1 FOR REGULATION OF HOSE.	1	
FILL ADAPTER VLVBLDG	1	
INSTALLATION	1	2,250.00T
OPTION: Send existing cylinders and relief valves to factory for installation into new equipment	2	300.00T
Cost for NOTE #2		
NOTE:		
1. The standard aux high pressure port shall be plumbed as regulated to accommodate the 100ft regulated hose and is included in the price.		
2. System includes 4 bank cascade with 2 ASME cylinders with room to add (2) existing cylinders. Option to send existing cylinders to factory so that they can be factory installed with new equipment.		
3. LEAD TIME IS 10 WEEKS ARO		
4. EQUIPMENT STANDARD FEATURES SHEETS ARE INCLUDED AND EQUIPMENT MEETS ALL CRITERIA IN LISTED SPECIFICATIONS		
TAX EXEMPT SALES-OUT OF STATE OR CERT. REQUIRED		0.00
Quote for listed items above. Pricing good for 30 days.	Total	\$52,010.00

PHOENIX ENERGY CORP

FED ID #80-0095476
164 LEWIS LAKE LANE
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Name / Address
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COMPLETELY ENCLOSED CENTAUR 3G2 10 HP 220/1/60 VAC 4 STAGE COMPRESSOR	1	49,460.00T
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NOTE: 1. The standard aux high pressure port shall be plumbed as regulated to accommodate the 100ft regulated hose and is included in the price. 2. System includes 4 bank cascade with 2 ASME cylinders with room to add (2) existing cylinders. 3. LEAD TIME IS 10 WEEKS ARO 4. EQUIPMENT STANDARD FEATURES SHEETS ARE INCLUDED AND EQUIPMENT MEETS ALL CRITERIA IN LISTED SPECIFICATIONS		
TAX EXEMPT SALES-OUT OF STATE OR CERT. REQUIRED		0.00

Quote for listed items above. Pricing good for 30 days.	Total	\$51,710.00
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