

CONTRACT AGREEMENT

THIS CONTRACT (the “**Contract**”) is entered into this 18th day of March, 2024, by and between the **CITY OF JACKSON, MISSOURI**, a municipal corporation, hereinafter referred to as “**City**”, and **BANNER FIRE EQUIPMENT INC.** of Roxanna Illinois, hereinafter referred to as “**Vendor**,” in connection with the supplying of equipment for the Fire/Rescue Breathing Air Station Project (“**Project**”).

WHEREAS, the City has selected the aforesaid Vendor for the Project and by Ordinance No. _____ has awarded the Vendor the Contract for the amount named below with selected options in *Exhibit 1* from the Vendor, a copy of which is incorporated herein.

NOW, THEREFORE, the parties agree as follows:

- A. The Contract Documents for the Project include the Specifications and Proposal Documents which are attached hereto and made a part hereof as Exhibit 1. The Contract Documents may also consist of such special provisions, addendums, appendices, plans, and specifications as may be necessary for the Project.
- B. The Vendor shall supply the equipment in compliance with the Contract Documents.
- C. The equipment shall be supplied according to the Project schedule, subject to such extensions and modifications as are made pursuant to the Contract Documents.
- D. The City shall pay the Vendor for supplying the equipment, subject to additions and deductions as provided in the Contract Documents, the Contract Price of

\$74,677.15 (seventy-four thousand six hundred seventy-seven dollars and fifteen cents)

CITY:

City of Jackson, Missouri

Dwain Hahs, Mayor

ATTEST:

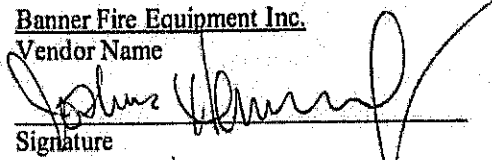
Angela Birk, City Clerk

Address:
101 Court Street
Jackson, Missouri 63755

VENDOR:

Banner Fire Equipment Inc.

Vendor Name


Signature

Joshua Hemmeninger
Printed Name

3-13-2024
Title

EXHIBIT 1

BID SPECIFICATIONS AND CONTRACT

FOR

FIRE/RESCUE BREATHING AIR STATION PROJECT

Issued for Bid on February 14, 2024



CITY OF JACKSON, MISSOURI

101 Court Street
Jackson, Missouri 63755
(573) 243-2300
projects@jacksonmo.org
www.jacksonmo.org

**FIRE/RESCUE BREATHING AIR STATION PROJECT
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NOTICE TO BID

**CITY OF JACKSON, MISSOURI
FIRE/RESCUE BREATHING AIR STATION PROJECT**

Notice is hereby given that separate sealed bids under the Fire/Rescue Breathing Air Station Project to serve the City of Jackson will be received in the office of the City Clerk at City Hall, 101 Court Street, Jackson, Missouri 63755, until 2:00 p.m. (prevailing local time) on Friday, February 23, 2024. Bids will be publicly opened and read aloud at that time. The envelopes containing the bids must be sealed, addressed, and designated as bids for the "Fire/Rescue Breathing Air Station Project; Attn: City Clerk".

The purpose of this project is to provide all equipment and other incidental items listed in the specifications.

A pre-bid meeting will not be held.

The Bid Specifications, Bid Sheet, Contract Agreement, and other documents may be examined at the office of the Fire Chief, 503 S. Hope St., Jackson, Missouri 63755. A copy may be requested by calling (573) 243-2300. Electronic copies of the Bidding Documents may also be obtained by filling out the online form on the City of Jackson website: www.jacksonmo.org.

The City may issue addenda as may be necessary in the best interest of the City of Jackson. The City reserves the right to waive any informalities or to reject any or all bids. If a contract award is made, it will be made to the lowest and best, responsive, responsible bidder. The City of Jackson will affirmatively ensure that disadvantaged business enterprises will be afforded full opportunity to submit bids and will not be discriminated against on the grounds of race, color, or national origin.

All questions should be directed to Jason Mouser by email at jmouser@jacksonmo.org, or phone at (573) 243-2300.

Jason Mouser
Fire Chief

Publication Date: February 14, 2024 & February 21, 2024

**CITY OF JACKSON FIRE RESCUE
FIRE/RESCUE BREATHING AIR STATION PROJECT**

**SPECIFICATIONS FOR A BREATHING AIR STATION TO REFILL
SELF-CONTAINED BREATHING APPARATUS (SCBA)**

(NOTE: THIS DOCUMENT MUST ACCOMPANY THE BID SHEET)

This specification is to set forth the general requirements for a breathing air station that meets or exceeds the requirements of CGA Pamphlet G-7, Compressed Air for Human Respiration, the requirements of ANSI/CGA G-7.1, Commodity Specification for Air, Grade E, and all other recognized standards for respirable air. The Manufacturer shall operate under a Quality Management System which complies with the requirements of ISO 9001 :2015 for the design, manufacture, inspection, test, and service of air and gas compressors and associated spare parts for commercial and military applications. All equipment shall be new and of current design and manufacture.

The breathing air station shall be supplied on a steel base frame of welded construction. The frame shall be designed for both the static and dynamic loads of the system and of sufficient size to adequately accommodate all of the station's components. The compressor, purification system, fill station and all tubing shall be incorporated into an appliance-like enclosure complete with sound attenuation. The enclosure panels shall be equipped with a slam-action latches and lift-off hinges making it simple to facilitate inspection and maintenance. The UN 4 enclosure and base frame shall be finished with a baked on polyester powder coat paint for the ultimate in durability, corrosion resistance, and long life.

If it is necessary to bid alternate equipment or to take exceptions to the specifications as set forth, this must be so stated in your bid. For each item, please place an X in the appropriate space (Yes ___ No ___) to signify whether or not you are in complete compliance with the specification. Failure to follow the format or answer the specification may cause your bid to be disqualified. If you need extra space to describe your product, please attach extra sheets. When doing this, be sure your description references the appropriate question number.

COMPLY

GENERAL SPECIFICATIONS:

1. Station shall be designed for against-the-wall installation, operation, and maintenance The design shall permit unrestricted cooling air flow to the compressor and motor when installed against the wall with a single-point operator control from the front of the station:

<u>YES</u>	<u>NO</u>
<u>X</u>	_____

GENERAL SPECIFICATIONS:

COMPLY

YES

NO

- 2. The depth of the fill station shall be adjustable to allow the unit to fit through a 36" doorway. X _____

- 3. The station shall be designed for continuous duty operation indoors with room temperatures ranging between 40 degrees F and 115 degrees F. X _____

- 4. All piping and tubing shall be properly supported and protected to prevent damage from vibration during shipment, operation, and maintenance. X _____

- 5. All instrument tubing shall be 300 series stainless steel. X _____

- 6. The fill station shall be warranted free from defects in material and workmanship for a period of 24 months from date of shipment or 12 months from date of start-up, whichever expires first. ✓ _____

→ 5 YEAR WARRANTY

- 7. The compressor shall be air cooled, oil lubricated, four stage, three cylinder, reciprocating compressor. X _____

- 8. An innercooler shall be provided after each stage of compression and an aftercooler shall be provided after the final stage of compression. X _____

- 9. The compressor shall be lubricated by a combination splash/mist and low-pressure lubrication system. X _____

- 10. The compressor shall be equipped with an inlet filter with replaceable particulate element. X _____

- 11. Electric motor shall be of the Open Drip Proof design. Shall be 3 phase with at least 10HP ran by V-belt drive. X _____

EXCEED 13 HP

COMPLY

GENERAL SPECIFICATIONS:

YES

NO

12. The compressor control panel shall include an across-the-line magnetic motor starter, industrial power supply, and PLC controller and shall be built in accordance with UL 508A standard.

X

13. The following features shall be included as part of the compressor control panel.

X

- NEMA type 4 electrical enclosure
- UL Electrical panel
- Multi Color Touch Screen Display
- Real time clock and date
- Compressor on/off
- Digital display of Final Pressure, Oil pressure, Compressor run time, final separator cycle count.
- Compressor High Temp Shutdown and alarm
- Full support of the Automatic Condensate Drain system (interval and duration set points adjustable thru the HMI - password protected)
- -Digital Display of time to next ACD Cycle
- Condensate Drain Reservoir full alarm
- Full support of CO monitor alarm functions (optional)
- Full support of SECURUS purification system moisture monitor warning and alarm functions
- Built in overtime timer set at 5 hours - optional times available
- Maintenance Timer (selectable between real time or compressor run time) to give Digital
- Motor overload alarm
- Non-resettable hour meter
- Recoverable Run History (last 5 run periods) Recoverable Alarm History (last 5 fault shutdowns)
- Operator choice of display in BAR or PSI

COMPLY

GENERAL SPECIFICATIONS:

YES

NO

14. Fault shut down shall not affect the ability to fill SCBA cylinders from the storage system as long as there is sufficient pressure in storage.

X

15. The purification system shall purify high pressure air to a quality that meets or exceeds the requirements of CGA Pamphlet G-7, Compressed Air for Human Respiration, ANSI/CGA G7 .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, adsorption of vaporous water by a desiccant, adsorption of oil vapor and elimination of noxious odors by activated carbon and conversion of carbon monoxide to respirable levels of carbon dioxide by catalyst.

X

16. The high-pressure purification chamber shall have a working pressure of 6000 PSIG. The purification system shall utilize a replaceable cartridge. The purification system shall be designed so that the replacement of the cartridge can be accomplished without disconnecting system piping.

X

17. A bleed valve shall be provided to vent the purification system to facilitate replacing the cartridge. 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.

X

18. A steel instrument panel affixed with a non-glare Lexan → overlay shall be installed on the front of the station. The overlay shall contain an embedded airflow schematic. The cascade fill control / instrument panel shall be hinged for easy maintenance and accessibility. The cascade control panel shall be factory piped for four storage banks and designed to fill three SCBA cylinders either independently or simultaneously. The control panel shall include, at a minimum, a manual control valve and pressure gauge for each storage bank, an adjustable regulator for SCBA cylinder fill pressure complete with a pressure gauge for inlet and regulated pressure and a relief valve to protect the SCBA cylinders from overfilling, a manual control valve and pressure gauge for each fill position, a manual direction valve to allow the operator to select SCBA filling from either air storage or the compressor, provisions for factory or field

X

COMPLY

GENERAL SPECIFICATIONS:

YES

NO

modification to allow a different fill pressure at each fill position. The cascade system shall allow the simultaneous tasks of filling one storage bank while drawing down another during the SCBA fill process. Strategically placed tees and check valves preclude the need for individual "To" and "From" valves. Systems requiring individual "To" and "From" valves shall not be deemed acceptable, as they require more efforts to operate.

19. All control panel mounted pressure gauges shall have a 2 %" diameter and be liquid filled. A fluorescent light shall be factory installed above the panel to provide a glare-free illumination of the control panel. An on/off switch shall be integrated into the operator I compressor interface for the light.

X

20. The front-loading, three position; containment fill station shall totally enclose the SCBA or SCUBA^o cylinders during the refilling process.

X

21. 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 chrome plated 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 force to open or close the fill station door thereby eliminating operator fatigue.

X

22. Each cylinder holder shall consist of a thick-walled polymer tube which will surround and cradle the SCBA cylinder during the filling process. This type design shall eliminate the need for SCBA cylinder scuff protection and will allow for concussive flexure in the event of a ruptured cylinder thus maximizing operator protection. Designs that do not cradle the cylinder or allow unsupported pressurized cylinders to hang outside the fill enclosure shall be deemed unacceptable as they expose the operator to greater risk of accidental mishandling of a pressurized cylinder during the disconnection process.

X

COMPLY

GENERAL SPECIFICATIONS:

YES

NO

- | | | | |
|-----|--|----------|-------|
| 23. | Three 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. | <u>X</u> | _____ |
| 24. | The unit shall be tested by the manufacturer prior to shipment. | <u>X</u> | _____ |
| 25. | A manufacturer's nameplate shall be placed on the interior of the electric panel. The nameplate shall include, at a minimum, manufacturer's name, model number, serial number, compressor block number, and date of manufacture. Voltage, phase / frequency, and amperage are located on another label inside the electrical panel | <u>X</u> | _____ |
| 26. | A documentation package shall be supplied with the station. The documentation package shall include, at a minimum, an operation manual on CD, recommended spare parts list, warranty information and a start-up/warranty registration form. | <u>X</u> | _____ |
| 27. | The Operator's Instruction and Maintenance Manual for the breathing air station 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. | <u>X</u> | _____ |

COMPLY

GENERAL SPECIFICATIONS:

YES

NO

OPTIONS (Priced Separately)

28.	Leveling feet and securing brackets if needed	<u>X</u>	_____
29.	CO monitor with calibration kit	<u>X</u>	_____
30.	Remote fill with bulkhead fitting, regulator, pressure gauge, Line valve, and quick connect coupling	<u>X</u>	_____
31.	Tri Pressure High/Low/SCUBA refill system	<u>X</u>	_____
32.	Fire Paint Scheme		_____

CHOICE OF LAWS AND VENUE: This Contract shall be governed by the laws of the State of Missouri and the venue for any dispute between the parties shall be in the Circuit Court of Cape Girardeau County, Missouri.

DELIVERY DATE: Vendor shall deliver to City all equipment within ninety (90) days of contract award, unless otherwise agreed to in writing by both Vendor and City.

PAYMENT: Payment shall be made in one (1) lump sum within thirty (30) days from date of delivery of the equipment.

SUCCESSORS AND ASSIGNS: The terms, covenants, and conditions of this Contract shall be binding upon and shall inure to the benefit of the successors and permitted assigns of the respective parties to this Contract.

ENTIRE AGREEMENT: This Contract contains the entire agreement between the parties and supersedes all prior or contemporaneous written or oral communications. This Contract may be changed or terminated only by an instrument in writing signed by the party against whom enforcement of such change or termination sought. No breach of any agreement, warranty, or representation shall be deemed waived unless expressly waived in writing by the party who asserts such breach.

LOG OF BIDS RECEIVED

PROJECT TITLE: **FIRE/RESCUE BREATHING AIR STATION**

PROJECT MANAGER: **JASON MOUSER**

BID DUE DATE: **WEDNESDAY, FEBRUARY 28, 2024, at 10:00 A.M.**

COMPANY NAME:

1. Banner Fire Equipment, Inc.

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

Fire/Rescue Breathing Air Solution Project
BID SHEET
For the City of Jackson
(Required for proper submittal of bid)
**(NOTE: THIS PAGE MUST ACCOMPANY AS A
COVERSHEET WITH THE COPY OF YOUR SUBMITTAL.)**

BANNER FIRE EQUIPMENT proposes to furnish equipment as provided for and in accordance with the specifications for the project for the following price:

Bid for Equipment is as follows:

(1) Standard Unit as specified \$ 67,200.11

Optional Equipment

(1) Leveling Feet and brackets \$ Incl.

(1) CO Monitor with calibration kit \$ 3638.04

(1) Remote Fill with bulkhead \$ 3591.84

(1) Tri Pressure High/Low/SCUBA \$ 2037.00

(1) Fire Paint Scheme \$ 3636.36

Total \$ 80,103.35

Please list itemized figures for items in your submittal.

Submitted on 7.27.2024 (date)

Name of company: BANNER FIRE EQUIPMENT

Business address: 4289 INDUSTRIAL DRIVE POKANCA IL 62454

Phone number: 618-251-4200

Fax number: _____

Authorized Signature: 

BANNER FIRE EQUIPMENT, INC

4289 INDUSTRIAL DRIVE
ROXANA, ILLINOIS 62084
WWW.BANNERFIRE.COM
888-BAN-FIRE

***** Customer Review *****
Date / Time: 3/11/2024 4:21:43PM
Repair Order: 382
Customer: 301995
Branch: UNIT 03
Invoice Total: \$74,677.15

on account
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Bill To: JACKSON FIRE DEPARTMENT
525 SOUTH HOPE
JACKSON, MO 63755
Shop: 573/243-1010

Fax: 573/243-5722

Ship To: JACKSON FIRE DEPARTMENT
525 SOUTH HOPE
JACKSON, MO 63755

Customer P/O: Ryans

Completion Date:

Task: 1 83-010006 Install compressor and perform startup procedure Department: Service

Complaint: Quote to provide and install Unicus UN 4S/13H-E1 8000 psi, single phase breathing air compressor capable of 13 CFM. CO monitor, tri-fill and custom fire paint scheme. Includes installation and all travel fees.
Banner requires that the cascade bottles are within current hydrotest standards before plumbing to compressor. Electrical service will be verified before order. Freight charges are estimated and may vary by 5%. Estimated lead time is 120 days and installation shall be scheduled after delivery.

Supp. Part	Description / Ref Number	U/M	Quantity	Price	Extended Price
Air test	air test lab fee	Misc	1.00	77.50	77.50
EQUIP IN	Shipping and Handling Inbound - Equipment	Misc	2.00	1,800.00	3,600.00
SUPPLIES	Misc hardware/supplies	Misc	1.00	87.50	87.50
UN4S/13H-E1	Unicus 4 13CFM single phase	Part	Each 1.00	60,105.36	60,105.36
GT/CO/III	ELECTRONIC CO MONITOR W/CAL	Part	Each 1.00	3,838.04	3,838.04
MISC	TRI-FILL/3 position	Misc	1.00	2,037.00	2,037.00
TRI-FILL, high/low/SCUBA, quick connect fill system (specify fill pressures)					
/RF/REG	REMOTE REGUL FILL CONNECTION	Part	Each 1.00	1,802.00	1,802.00
Task 1 Subtotals				Parts:	\$65,545.40
				Labor:	\$1,750.00
				Miscellaneous:	\$5,802.00
				Task 1 Totals:	\$73,097.40

Task: 2 83-010010101 Provide and install cascade system Department: Service

Complaint: Quote to provide, install and plumb (4) provided 6000psi UN storage bottle to all-in-one unit.

Supp. Part	Description / Ref Number	U/M	Quantity	Price	Extended Price
EQUIP IN	Shipping and Handling Inbound - Equipment	Misc	1.00	425.00	425.00
SUPPLIES	Misc hardware/supplies	Misc	1.00	17.50	17.50
AC10034	Nut/Nipple,7500,702,BR	Part	Each 4.00	41.60	166.40
AC20022-1	Tee,6000,Street,1/4 M-Run,1/4 JIC-M,ST	Part	Each 1.00	32.33	32.33
AC20023-1	TEE,FEMALE	Part	Each 3.00	30.48	91.44
AC20161	BRANCH.25FPTX.25JIC	Part	Each 1.00	9.53	9.53
AC80049-10	Cap, 7500, JIC #4 ST	Part	Each 1.00	176.25	176.25
AC80052	6000 PSI HOSE X 10'	Part	Each 3.00	62.18	186.54
AC70080	PIGTAIL ASSY, 6000PSI	Part	Each 3.00	62.18	186.54
	RACK, DOT-1 EA, WALL W/ CLAMP	Part	Each 2.00	62.38	124.76

BANNER

FIRE EQUIPMENT, INC

4289 INDUSTRIAL DRIVE
ROXANA, ILLINOIS 62084
WWW.BANNERFIRE.COM
888-BAN-FIRE

*** Customer Review ***

Date / Time: 3/11/2024 4:21:43PM
Repair Order: 382
Customer: 301995
Branch: UNIT 03
Invoice Total: \$74,677.15

on account

Page 2 of 2

Bill To: JACKSON FIRE DEPARTMENT
525 SOUTH HOPE
JACKSON, MO 63755

Shop: 573/243-1010

Fax: 573/243-5722

Ship To: JACKSON FIRE DEPARTMENT
525 SOUTH HOPE
JACKSON, MO 63755

Customer P/O: Ryans

Completion Date:

Task 2 Subtotals

Parts:	\$787.25
Labor:	\$350.00
Miscellaneous:	\$442.50
Task 2 Totals:	\$1,579.75

Customer Tax ID:

Totals

Total Parts:	\$66,332.65
Total Core Chg:	\$0.00
Total Core Ret:	\$0.00
Total EHC:	\$0.00
Total Labor:	\$2,100.00
Total Miscellaneous:	\$6,244.50
Invoice Subtotal:	\$74,677.15
Total Tax:	\$0.00
Invoiced Total:	\$74,677.15

Payment Method

Charge

ESTIMATE ONLY!

PRICES SUBJECT TO CHANGE. CUSTOMER WILL BE NOTIFIED OF ANY CHANGES PRIOR TO ADDITIONAL WORK BEING PERFORMED.
PRICING GOOD FOR (90) DAYS. STOCK PARTS RETURNED AFTER (30) DAYS ARE SUBJECT TO 25% RESTOCK FEE. ELECTRONIC
COMPONENTS AND SPECIAL ORDER PARTS ARE NOT RETURNABLE. DUE TO VARIANCES IN COSTS AND AVAILABILITY THIS ESTIMATE
CAN VARY UP TO 5%. IF ANY QUESTIONS, PLEASE CALL 618-251-4200.
THANK YOU FOR YOUR BUSINESS!