



# VOGELPOHL FIRE EQUIPMENT

2770 Circleport Dr. Erlanger, KY 41018  
Office: (859) 282-1000 Fax: (859) 282-1550

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August 9<sup>th</sup>, 2022

City of Lexington Fire Department  
219 East Third Street  
Lexington, KY 40508

I would like to thank you for the opportunity to work with you on the Lexington Fire Department's SCBA needs. Vogelpohl Fire Equipment is an authorized MSA distributor in Kentucky, Southwest Ohio, and Southeast Indiana. We serve not only as a sales outlet, but also as a certified service and warranty center for the MSA SCBA.

We occupy a 37,000 square foot sales and service facility in Erlanger, KY. This includes offices, multiple large truck service bays, small equipment repair center, dedicated SCBA service room, shipping and receiving and warehouse. We operate four mobile service vehicles, including one dedicated to servicing MSA SCBA and Holmatro rescue equipment.

We provide such services as annual SCBA flow testing and facepiece fit testing. We also perform all warranty work on MSA SCBA. All of these services can be performed at your facilities.

Enclosed you will find your bid documents as well as a detailed breakdown of our proposal on the MSA G1 SCBA. We are looking forward to the possibilities of growing our relationship with your department by servicing your SCBA needs.

Thank you,

Todd Vogelpohl  
President  
Vogelpohl Fire Equipment  
2770 Circleport Drive  
Erlanger, KY 41018  
859-282-1000  
[www.vogelpohlfire.com](http://www.vogelpohlfire.com)





**Clarifications**

1. As part of our proposal, we are also including \$37,500.00 worth of spare parts at no cost to the City of Lexington. The intention of including these parts is to help establish a base inventory for the SCBA repair shop inside the Lexington Fire Department (LFD). We will work with LFD SCBA techs and officers to establish specific parts.
2. We will provide at **No Cost** to the City of Lexington, CARE training for 12 members of the LFD to become certified SCBA technicians for the MSA G1 SCBA. This training will take place at LFD and can be done all at once or one class in the first 6 months and a second class within 12 months of delivery of the SCBA.
3. We will work with LFD administration to develop a training plan for the proper use and care of the MSA G1 SCBA.
4. We are proposing a G1 regulator assembly with a short adapter hose for use with your aerial operations. If we are awarded this business, we will work directly with the SCBA techs to be sure we get the correct hose adapters.
5. If using a G1 facepiece with an APR adapter and CBRN canister, a CBRN approved nose cup for APR use must also be used. These nose cups are #10189323 and we will include 30 of these at **No Charge** if they will be used for CBRN incidents.
6. During the evaluation process, we had discussions with concerns of having all new cylinders with the same year of manufacturing date. The following cylinders are available with earlier manufacturing dates for your consideration. Some of these cylinders are in new condition and others have been used during various evaluations. These will also provide a savings from those proposed on your bid form. I have listed below the available cylinders with date code and their cost.

<b>Qty</b>	<b>Type</b>	<b>Date Code</b>	<b>Cost Each</b>	<b>Total Savings</b>
5	30 Minute	05/21	\$565.00	\$ 730.00
7	30 Minute	09/21	\$565.00	\$1,022.00
18	30 Minute	10/21	\$565.00	\$2,628.00
2	30 Minute	12/21	\$565.00	\$ 292.00
1	30 Minute	12/20	\$525.00	\$ 186.00
2	30 Minute	05/20	\$525.00	\$ 372.00
4	30 Minute	05/19	\$485.00	\$ 904.00
3	30 Minute	08/19	\$485.00	\$ 678.00
3	30 Minute	??/19	\$485.00	\$ 678.00
35	30 Minute	?	\$565.00	\$5,110.00
30	45 Minute	2019-2021	\$575.00	<u>\$8,700.00</u>

**Total Savings Of: \$21,300.00**



**LEXINGTON**

# Lexington-Fayette Urban County Government

Lexington, Kentucky  
Horse Capital of the World

Division of Central Purchasing

Date of Issue: July 20, 2022

## INVITATION TO BID #84-2022 Self Contained Breathing Apparatus

**Bid Opening Date:** August 9, 2022

**Bid Opening Time:** 2:00 PM

**Address:** All bids must be submitted on line at <https://lexingtonky.ionwave.net/>

**Type of Bid:** Price Contract

**Pre Bid Meeting:** N/A

**Pre Bid Time:** N/A

**Address:** N/A

Sealed bids will ONLY be received online at <https://lexingtonky.ionwave.net/> until **2:00 PM**, prevailing local time on **08/09/2022**. Bids must be submitted/uploaded by the above-mentioned date and time.

Bids are to include all shipping, handling and associated fees to the point of delivery (unless otherwise specified in the bid documents below) located at: Lexington, KY

<p><b>Check One:</b>  <input checked="" type="checkbox"/> Bid Specifications Met _____ Exceptions to Bid Specifications. <i>Exceptions shall be itemized and attached to bid proposal submitted.</i></p>	<p><b>Proposed Delivery:</b>  <u>75-120</u> days after acceptance of bid.</p>
<p><b>Procurement Card Usage</b>—The Lexington-Fayette Urban County Government may be using Procurement Cards to purchase goods and services and also to make payments. Will you accept Procurement Cards? _____ Yes <input checked="" type="checkbox"/> No</p>	

*Not for this Proposal*

**To expedite award, the forms in this document should be completed and uploaded with your bid.**

Submitted by: Vogelpohl Fire Equipment  
*Firm Name*

2770 Circleport Dr  
*Address*

Erbanger, KY 41018  
*City, State & Zip*

**Bid must be signed:**   
*Signature of Authorized Company Representative – Title*

Todd Vogelpohl  
*Representative's Name (Typed or printed)*

859-282-1000 859-282-1550  
*Area Code - Phone – Extension Fax #*

ToddV@VogelpohlFire.com  
*E-Mail Address*



The Affidavit in this bid must be completed before your firm can be considered for award of this contract.

**AFFIDAVIT**

Comes the Affiant, Todd Vogelpohl, and after being first duly sworn under penalty of perjury as follows:

1. His/her name is Todd Vogelpohl and he/she is the individual submitting the bid or is the authorized representative of Vogelpohl Fire Equipment the entity submitting the bid (hereinafter referred to as "Bidder")
2. Bidder will pay all taxes and fees, which are owed to the Lexington-Fayette Urban County Government at the time the bid is submitted, prior to award of the contract and will maintain a "current" status in regard to those taxes and fees during the life of the contract.
3. Bidder will obtain a Lexington-Fayette Urban County Government business license, if applicable, prior to award of the contract.
4. Bidder has authorized the Division of Central Purchasing to verify the above-mentioned information with the Division of Revenue and to disclose to the Urban County Council that taxes and/or fees are delinquent or that a business license has not been obtained.
5. Bidder has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky within the past five (5) years and the award of a contract to the Bidder will not violate any provision of the campaign finance laws of the Commonwealth.
6. Bidder has not knowingly violated any provision of Chapter 25 of the Lexington-Fayette Urban County Government Code of Ordinances, known as "Ethics Act."
7. Bidder acknowledges that "knowingly" for purposes of this Affidavit means, with respect to conduct or to circumstances described by a statute or ordinance defining an offense, that a person is aware or should have been aware that his conduct is of that nature or that the circumstance exists.

Further, Affiant sayeth naught. 

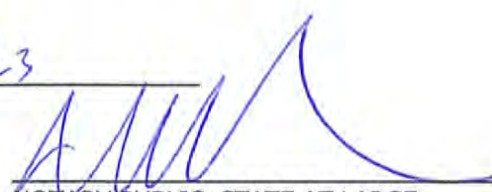
STATE OF KY

COUNTY OF Boone

The foregoing instrument was subscribed, sworn to and acknowledged before me by Todd Vogelpohl on this the 8 day of August, 2022.

My Commission expires: 1/24/23

**David McClanahan**  
NOTARY PUBLIC  
STATE AT LARGE - KENTUCKY  
ID # 614986  
My Commission Expires January 24, 2023

  
NOTARY PUBLIC, STATE AT LARGE

**I. GREEN PROCUREMENT**

**A. ENERGY**

The Lexington-Fayette Urban County Government is committed to protecting our environment and being fiscally responsible to our citizens.

The Lexington-Fayette Urban County Government mandates the use of Energy Star compliant products if they are available in the marketplace (go to [www.Energystar.gov](http://www.Energystar.gov)). If these products are available, but not submitted in your pricing, your bid will be rejected as non-compliant.

ENERGY STAR is a government program that offers businesses and consumers energy-efficient solutions, making it easy to save money while protecting the environment for future generations.

Key Benefits

- These products use 25 to 50% less energy
- Reduced energy costs without compromising quality or performance
- Reduced air pollution because fewer fossil fuels are burned
- Significant return on investment
- Extended product life and decreased maintenance

**B. GREEN SEAL CERTIFIED PRODUCTS**

The Lexington-Fayette Urban County Government is also committed to using other environmentally friendly products that do not negatively impact our environment. Green Seal is a non-profit organization devoted to environmental standard setting, product certification, and public education.

Go to [www.Green Seal.org](http://www.Green Seal.org) to find available certified products. These products will have a reduced impact on the environment and on human health. The products to be used must be pre-approved by the LFUCG prior to commencement of any work in any LFUCG facility. If a Green Seal product is not available, the LFUCG must provide a signed waiver to use an alternate product. Please provide information on the Green Seal products being used with your bid response.

**C. GREEN COMMUNITY**

**The Lexington-Fayette Urban County Government (LFUCG) serves as a principal, along with the University of Kentucky and Fayette County Public Schools, in the Bluegrass Partnership for a Green Community. The Purchasing Team component of the Partnership collaborates on economy of scale purchasing that promotes and enhances environmental initiatives. Specifically, when applicable, each principal is interested in obtaining best value products and/or services which promote environment initiatives via solicitations and awards from the other principals.**

**If your company is the successful bidder on this Invitation For Bid, do you agree to extend the same product/service pricing to the other principals of the Bluegrass Partnership for a Green Community (i.e. University of Kentucky and Fayette County Schools) if requested?**

Yes \_\_\_\_\_ No X

**II. Bid Conditions**

- A. No bid may be withdrawn for a period of sixty (60) days after the date and time set for opening.
- B. No bid may be altered after the date and time set for opening. In the case of obvious errors, the Division of Central Purchasing may permit the withdrawal of a bid. The decision as to whether a bid may be withdrawn shall be that of the Division of Central Purchasing.
- C. Acceptance of this proposal shall be enactment of an Ordinance by the Urban County Council.
- D. The bidder agrees that the Urban County Government reserves the right to reject any and all bids for either fiscal

or technical reasons, and to award each part of the bid separately, all parts to one vendor or all parts to multiple vendors.

- E. Minor exceptions may not eliminate the bidder. The decision as to whether any exception is minor shall be entirely that of the head of the requisitioning Department or Division and the Director of the Division of Central Purchasing. The Urban County Government may waive technicalities and informalities where such waiver would best serve the interests of the Urban County Government.
- F. Manufacturer's catalogue numbers, trade names, etc., where shown herein are for descriptive purposes and are to guide the bidder in interpreting the standard of quality, design, and performance desired, and shall not be construed to exclude proposals based on furnishing other types of materials and/or services. However, any substitution or departure proposed by the bidder must be clearly noted and described; otherwise, it will be assumed that the bidder intends to supply items specifically mentioned in this Invitation for Bids.
- G. The Urban County Government may require demonstrations of the materials proposed herein prior to acceptance of this proposal.
- H. Bids must be submitted on this form and must be signed by the bidder or his authorized representative. Unsigned bids will not be considered.
- I. Bids must be submitted prior to the date and time indicated for opening. Bids submitted after this time will not be considered.
- J. All bids mailed must be submitted in the Ion Wave online portal at <https://lexingtonky.ionwave.net/>
- K. Bidder is requested to show both unit prices and lot prices. In the event of error, the unit price shall prevail.
- L. A certified check or Bid Bond in the amount of XX percent of the bid price must be attached hereto. This check must be made payable to the Lexington-Fayette Urban County Government, and will be returned when the material and/or services specified herein have been delivered in accordance with specifications. In the event of failure to perform within the time period set forth in this bid, it is agreed the certified check may be cashed and the funds retained by the Lexington-Fayette Urban County Government as liquidated damages. Checks of unsuccessful bidders will be returned when the bid has been awarded.
- M. The delivery dates specified by bidder may be a factor in the determination of the successful bidder.
- N. Tabulations of bids received may be mailed to bidders. Bidders requesting tabulations must enclose a stamped, self-addressed envelope with the bid.
- O. The Lexington-Fayette Urban County Government is exempt from Kentucky Sales Tax and Federal Excise Tax on materials purchased from this bid invitation. Materials purchased by the bidder for construction projects are not tax exempt and are the sole responsibility of the bidder.
- P. All material furnished hereunder must be in full compliance with OSHA regulations.
- Q. If more than one bid is offered by one party, or by any person or persons representing a party, all such bids shall be rejected.
- R. Signature on the face of this bid by the Bidder or his authorized representative shall be construed as acceptance of and compliance with all terms and conditions contained herein.
- S. The Entity (regardless of whether construction contractor, non-construction contractor or supplier) agrees to provide equal opportunity in employment for all qualified persons, to prohibit discrimination in employment because of race, color, religion, sex (including pregnancy, sexual orientation or gender identity), national origin, disability, age, genetic information, political affiliation, or veteran status, and to promote equal employment through a positive, continuing program from itself and each of its sub-contracting agents. This program of equal employment opportunity shall apply to every aspect of its employment policies and practices.
- T. The Kentucky Equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) requires that any county, city, town, school district, water district, hospital district, or other political subdivision of the state shall include in directly

or indirectly publicly funded contracts for supplies, materials, services, or equipment hereinafter entered into the following provisions:

During the performance of this contract, the contractor agrees as follows:

- (1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age or national origin;*
- (2) The contractor will state in all solicitations or advertisements for employees placed by or on behalf of the contractors that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age or national origin;*
- (3) The contractor will post notices in conspicuous places, available to employees and applicants for employment, setting forth the provisions of the non-discrimination clauses required by this section; and*
- (4) The contractor will send a notice to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding advising the labor union or workers' representative of the contractor's commitments under the nondiscrimination clauses.*

The Act further provides:

KRS 45.610. Hiring minorities - Information required

- (1) For the length of the contract, each contractor shall hire minorities from other sources within the drawing area, should the union with which he has collective bargaining agreements be unwilling to supply sufficient minorities to satisfy the agreed upon goals and timetable.*
- (2) Each contractor shall, for the length of the contract, furnish such information as required by KRS 45.560 to KRS 45.640 and by such rules, regulations and orders issued pursuant thereto and will permit access to all books and records pertaining to his employment practices and work sites by the contracting agency and the department for purposes of investigation to ascertain compliance with KRS 45.560 to 45.640 and such rules, regulations and orders issued pursuant thereto.*

KRS 45.620. Action against contractor - Hiring of minority contractor or subcontractor

- (1) If any contractor is found by the department to have engaged in an unlawful practice under this chapter during the course of performing under a contract or subcontract covered under KRS 45.560 to 45.640, the department shall so certify to the contracting agency and such certification shall be binding upon the contracting agency unless it is reversed in the course of judicial review.*
- (2) If the contractor is found to have committed an unlawful practice under KRS 45.560 to 45.640, the contracting agency may cancel or terminate the contract, conditioned upon a program for future compliance approved by the contracting agency and the department. The contracting agency may declare such a contractor ineligible to bid on further contracts with that agency until such time as the contractor complies in full with the requirements of KRS 45.560 to 45.640.*
- (3) The equal employment provisions of KRS 45.560 to 45.640 may be met in part by a contractor by subcontracting to a minority contractor or subcontractor. For the provisions of KRS 45.560 to 45.640, a minority contractor or subcontractor shall mean a business that is owned and controlled by one or more persons disadvantaged by racial or ethnic circumstances.*

KRS 45.630 Termination of existing employee not required, when

*Any provision of KRS 45.560 to 45.640 notwithstanding, no contractor shall be required to terminate an existing employee upon proof that that employee was employed prior to the date of the contract.*

KRS 45.640 Minimum skills

*Nothing in KRS 45.560 to 45.640 shall require a contractor to hire anyone who fails to demonstrate the minimum skills required to perform a particular job.*

It is recommended that all of the provisions above quoted to be included as special conditions in each contract.

In the case of a contract exceeding \$250,000, the contractor is required to furnish evidence that his work-force in Kentucky is representative of the available work-force in the area from which he draws employees, or to supply an Affirmative Action plan which will achieve such representation during the life of the contract.

- U. Any party, firm or individual submitting a proposal pursuant to this invitation must be in compliance with the requirements of the Lexington-Fayette Urban County Government regarding taxes and fees before they can be considered for award of this invitation and must maintain a "current" status with regard to those taxes and fees throughout the term of the contract. The contractor must be in compliance with Chapter 13 from the Code of Ordinances of the Lexington-Fayette Urban County Government. The contractor must be in compliance with Ordinance 35-2000 pursuant to contractor registration with the Division of Building Inspection. If applicable, said business must have a Fayette County business license.

Pursuant to KRS 45A.343 and KRS 45A.345, the contractor shall

- (1) *Reveal any final determination of a violation by the contractor within the previous five year period pursuant to KRS Chapters 136 (corporation and utility taxes), 139 (sales and use taxes), 141 (income taxes), 337 (wages and hours), 338 (occupational safety and health of employees), 341 (unemployment and compensation) and 342 (labor and human rights) that apply to the contractor; and*
- (2) *Be in continuous compliance with the above-mentioned KRS provisions that apply to the contractor for the duration of the contract.*

A contractor's failure to reveal the above or to comply with such provisions for the duration of the contract shall be grounds for cancellation of the contract and disqualification of the contractor from eligibility for future contracts for a period of two (2) years.

- V. Vendors who respond to this invitation have the right to file a notice of contention associated with the bid process or to file a notice of appeal of the recommendation made by the Director of Central Purchasing resulting from this invitation.

Notice of contention with the bid process must be filed within 3 business days of the bid/proposal opening by (1) sending a written notice, including sufficient documentation to support contention, to the Director of the Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central Purchasing to explain his/her contention with the bid process. After consulting with the Commissioner of Finance the Chief Administrative Officer and reviewing the documentation and/or hearing the vendor, the Director of Central Purchasing shall promptly respond in writing findings as to the compliance with bid processes. If, based on this review, a bid process irregularity is deemed to have occurred the Director of Central Purchasing will consult with the Commissioner of Finance, the Chief Administrative Officer and the Department of Law as to the appropriate remedy.

Notice of appeal of a bid recommendation must be filed within 3 business days of the bid recommendation by (1) sending a written notice, including sufficient documentation to support appeal, to the Director, Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central Purchasing to explain his appeal. After reviewing the documentation and/or hearing the vendor and consulting with the Commissioner of Finance and the Chief Administrative Officer, the Director of Central Purchasing shall in writing, affirm or withdraw the recommendation.



### **III. Procurement Contract Bid Conditions**

- A. The terms of this agreement shall be for 1 year(s) from the date of acceptance of this contract by the Lexington-Fayette Urban County Government. This agreement may be automatically extended for an additional 1 year(s) renewal. This contract may be canceled by either party thirty (30) days after delivery by canceling party of written notice of intent to cancel to the other contracting party.
- B. Price Changes **(Space Checked Applies)**
  - (XXX)1. Prices quoted in response to the Invitation shall be firm prices for the first 90 days of the Procurement Contract. After 90 days, prices may be subject to revision and such changes shall be based on general industry changes. Revision may be either increases or decreases and may be requested by either party. There will be no more than one (1) price adjustment per quarter. Requests for price changes shall be received in writing at least twenty (20) days prior to the effective date and are subject to written acceptance before becoming effective. Proof of the validity of a request for revision shall be responsibility of the requesting party. The Lexington-Fayette Urban County Government shall receive the benefit of any decline that the seller shall offer his other accounts.
    - () 2. No provision for price change is made herein. Prices are to be firm for the term of this contract.
    - () 3. See bid specifications.
- C. If any contract item is not available from the vendor, the Lexington-Fayette Urban County Government, at its option, may permit the item to be back-ordered or may procure the item on the open market.
- D. All invoices must bear reference to the Lexington-Fayette Urban County Government Purchasing document numbers which are being billed.
- E. This contract may be canceled by the Lexington-Fayette Urban County Government if it is determined that the Bidder has failed to perform under the terms of this agreement, such cancellation to be effective upon receipt of written notice of cancellation by the Bidder.
- F. No substitutions for articles specified herein may be made without prior approval of the Division of Central Purchasing.

## EQUAL OPPORTUNITY AGREEMENT

### Standard Title VI Assurance

The Lexington Fayette-Urban County Government, (hereinafter referred to as the "Recipient") hereby agrees that as a condition to receiving any Federal financial assistance from the U.S. Department of Transportation, it will comply with Title VI of the Civil Rights Act of 1964, 78Stat.252, 42 U.S.C. 2000d-4 (hereinafter referred to as the "Act"), and all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, (49 CFR, Part 21) Nondiscrimination in Federally Assisted Program of the Department of Transportation – Effectuation of Title VI of the Civil Rights Act of 1964 (hereinafter referred to as the "Regulations") and other pertinent directives, no person in the United States shall, on the grounds of race, color, national origin, sex, age (over 40), religion, sexual orientation, gender identity, veteran status, or disability be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Recipient receives Federal financial assistance from the U.S. Department of Transportation, including the Federal Highway Administration, and hereby gives assurance that will promptly take any necessary measures to effectuate this agreement. This assurance is required by subsection 21.7(a) (1) of the Regulations.

### The Law

- Title VII of the Civil Rights Act of 1964 (amended 1972) states that it is unlawful for an employer to discriminate in employment because of race, color, religion, sex, age (40-70 years) or national origin.
- Executive Order No. 11246 on Nondiscrimination under Federal contract prohibits employment discrimination by contractor and sub-contractor doing business with the Federal Government or recipients of Federal funds. This order was later amended by Executive Order No. 11375 to prohibit discrimination on the basis of sex.
- Section 503 of the Rehabilitation Act of 1973 states: *The Contractor will not discriminate against any employee or applicant for employment because of physical or mental disability.*
- Section 2012 of the Vietnam Era Veterans Readjustment Act of 1973 requires Affirmative Action on behalf of disabled veterans and veterans of the Vietnam Era by contractors having Federal contracts.
- Section 206(A) of Executive Order 12086, Consolidation of Contract Compliance Functions for Equal Employment Opportunity, states: *The Secretary of Labor may investigate the employment practices of any Government contractor or sub-contractor to determine whether or not the contractual provisions specified in Section 202 of this order have been violated.*

The Lexington-Fayette Urban County Government practices Equal Opportunity in recruiting, hiring and promoting. It is the Government's intent to affirmatively provide employment opportunities for those individuals who have previously not been allowed to enter into the mainstream of society. Because of its importance to the local Government, this policy carries the full endorsement of the Mayor, Commissioners, Directors and all supervisory personnel. In following this commitment to Equal Employment Opportunity and because the Government is the benefactor of the Federal funds, it is both against the Urban County Government policy and illegal for the Government to let contracts to companies which knowingly or unknowingly practice discrimination in their employment practices. Violation of the above mentioned ordinances may cause a contract to be canceled and the contractors may be declared ineligible for future consideration.

Please sign this statement in the appropriate space acknowledging that you have read and understand the provisions contained herein. Return this document as part of your application packet.

### Bidders

*I/We agree to comply with the Civil Rights Laws listed above that govern employment rights of minorities, women, veteran status, disability and age.*

  
\_\_\_\_\_  
Signature

  
\_\_\_\_\_  
Name of Business

## GENERAL PROVISIONS OF BID CONTRACT

By signing the below, bidder acknowledges that it understands and agrees with the following provisions related to its bid response and the provision of any goods or services to LFUCG upon selection by LFUCG pursuant to the bid request:

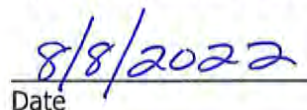
1. Bidder shall comply with all Federal, State & Local regulations concerning this type of service or good. All applicable state laws, ordinances and resolutions (including but not limited to Section 2-33 (Discrimination due to sexual orientation or gender identity) and Chapter 13 (Licenses and Regulations) of the Lexington-Fayette Urban County Government Code of Ordinances, and Resolution No. 484-17 (Minority, Women, and Veteran-Owned Businesses)) and the regulations of all authorities having jurisdiction over the project shall apply to the contract, and shall be deemed to be incorporated herein by reference.
2. Failure to submit ALL forms and information required by LFUCG may be grounds for disqualification.
3. Addenda: All addenda and IonWave Q&A, if any, must be considered by the bidder in making its response, and such addenda shall be made a part of the requirements of the bid contract. Before submitting a bid response, it is incumbent upon bidder to be informed as to whether any addenda have been issued, and the failure of the bidder to cover any such addenda may result in disqualification of that response.
4. Bid Reservations: LFUCG reserves the right to reject any or all bid responses, to award in whole or part, and to waive minor immaterial defects in proposals. LFUCG may consider any alternative proposal that meets its basic needs.
5. Liability: LFUCG is not responsible for any cost incurred by bidder in the preparation of its response.
6. Changes/Alterations: Bidder may change or withdraw a proposal at any time prior to the opening; however, no oral modifications will be allowed. Only letters, or other formal written requests for modifications or corrections of a previously submitted proposal which is addressed in the same manner as the bid response, and received by LFUCG prior to the scheduled closing time for receipt of bids, will be accepted. The bid response when opened, will then be corrected in accordance with such written request(s), provided that the written request is contained in a sealed envelope which is plainly marked "modifications of bid response".
7. Clarification of Submittal: LFUCG reserves the right to obtain clarification of any point in a bid or to obtain additional information from any bidder.
8. Bribery Clause: By his/her signature on its response, bidder certifies that no employee of his/hers, any affiliate or subcontractor, has bribed or attempted to bribe an officer or employee of the LFUCG.
9. Additional Information: While not necessary, the bidder may include any product brochures, software documentation, sample reports, or other documentation that may assist LFUCG in better understanding and evaluating the bid response. Additional documentation shall not serve as a substitute for other documentation which is required by the LFUCG to be submitted with the bid response.
10. Ambiguity, Conflict or other Errors: If a bidder discovers any ambiguity, conflict, discrepancy, omission or other error in the bid request of LFUCG, it shall immediately notify LFUCG of such error in writing and request modification or clarification of the document if allowable by the LFUCG.
11. Agreement to Bid Terms: In submitting its bid response, the bidder agrees that it has carefully examined the specifications and all provisions relating to LFUCG's bid request, including but not limited to the bid contract. By submission of its bid response, bidder states that it understands the meaning, intent and requirements of LFUCG's bid request and agrees to the same. The successful bidder shall warrant that it is familiar with and understands all provisions herein and shall warrant that it can comply with them. No additional compensation to bidder shall be authorized for services, expenses, or goods reasonably covered under these provisions that the bidder omits from its bid response.
12. Cancellation: LFUCG may unilaterally terminate the bid contract with the selected bidder(s) at any time, with or without cause, by providing at least thirty (30) days advance written notice unless a different advance written notice



period is negotiated prior to contract approval. Payment for services or goods received prior to termination shall be made by the LFUCG provided these goods or services were provided in a manner acceptable to the LFUCG. Payment for those goods and services shall not be unreasonably withheld.

13. Assignment of Contract: The selected bidder(s) shall not assign or subcontract any portion of the bid contract with LFUCG without the express written consent of LFUCG. Any purported assignment or subcontract in violation hereof shall be void. It is expressly acknowledged that LFUCG shall never be required or obligated to consent to any request for assignment or subcontract; and further that such refusal to consent can be for any or no reason, fully within the sole discretion of LFUCG.
14. No Waiver: No failure or delay by LFUCG in exercising any right, remedy, power or privilege hereunder, nor any single or partial exercise thereof, nor the exercise of any other right, remedy, power or privilege shall operate as a waiver hereof or thereof. No failure or delay by LFUCG in exercising any right, remedy, power or privilege under or in respect of this bid proposal or bid contract shall affect the rights, remedies, powers or privileges of LFUCG hereunder or shall operate as a waiver thereof.
15. Authority to do Business: Each bidder must be authorized to do business under the laws of the Commonwealth of Kentucky and must be in good standing and have full legal capacity to provide the goods or services specified in the bid proposal. Each bidder must have all necessary right and lawful authority to submit the bid response and enter into the bid contract for the full term hereof including any necessary corporate or other action authorizing the bidder to submit the bid response and enter into this bid contract. If requested, the bidder will provide LFUCG with a copy of a corporate resolution authorizing this action and/or a letter from an attorney confirming that the proposer is authorized to do business in the Commonwealth of Kentucky. All bid responses must be signed by a duly authorized officer, agent or employee of the bidder.
16. Governing Law: This bid request and bid contract shall be governed by and construed in accordance with the laws of the Commonwealth of Kentucky. In the event of any proceedings regarding this matter, the bidder agrees that the venue shall be the Fayette County Circuit Court or the U.S. District Court for the Eastern District of Kentucky, Lexington Division and that the bidder expressly consents to personal jurisdiction and venue in such Court for the limited and sole purpose of proceedings relating to these matters or any rights or obligations arising thereunder.
17. Ability to Meet Obligations: Bidder affirmatively states that there are no actions, suits or proceedings of any kind pending against bidder or, to the knowledge of the bidder, threatened against the bidder before or by any court, governmental body or agency or other tribunal or authority which would, if adversely determined, have a materially adverse effect on the authority or ability of bidder to perform its obligations under this bid response or bid contract, or which question the legality, validity or enforceability hereof or thereof.
18. Price Discrepancy: When applicable, in case of price discrepancy, unit bid price written in words will prevail followed by unit price written in numbers then total amount bid per line item.
19. Bidder understands and agrees that its employees, agents, or subcontractors are not employees of LFUCG for any purpose whatsoever. Bidder is an independent contractor at all times related to the bid response or bid contract.
20. Contractor [or Vendor or Vendor's Employees] will not appropriate or make use of the Lexington-Fayette Urban County Government (LFUCG) name or any of its trade or service marks or property (including but not limited to any logo or seal), in any promotion, endorsement, advertisement, testimonial or similar use without the prior written consent of the government. If such consent is granted LFUCG reserves the unilateral right, in its sole discretion, to immediately terminate and revoke such use for any reason whatsoever. Contractor agrees that it shall cease and desist from any unauthorized use immediately upon being notified by LFUCG.
21. If any term or provision of this bid contract shall be found to be illegal or unenforceable, the remainder of the contract shall remain in full force and such term or provision shall be deemed stricken.

  
Signature

  
Date



**WORKFORCE ANALYSIS FORM**

Name of Organization: Vogelpohl Fire Equipment, Inc.

Categories	Total	White (Not Hispanic or Latino)		Hispanic or Latino		Black or African- American (Not Hispanic or Latino)		Native Hawaiian and Other Pacific Islander (Not Hispanic or Latino)		Asian (Not Hispanic or Latino)		American Indian or Alaskan Native (not Hispanic or Latino)		Two or more races  (Not Hispanic or Latino)		Total		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Administrators		3															3	
Professionals		9															9	
Superintendents																		
Supervisors		1															1	
Foremen																		
Technicians		6															6	
Protective Service																		
Para-Professionals																		
Office/Clerical		1	2														1	2
Skilled Craft																		
Service/Maintenance																		
<b>Total:</b>		20	2														20	2

Prepared by: Vogelpohl, President Date: 8/8/2022  
 (Name and Title) Revised 2015-Dec-15

**DIRECTOR, DIVISION OF CENTRAL PURCHASING  
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT  
200 EAST MAIN STREET  
LEXINGTON, KENTUCKY 40507**

**NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE  
EQUAL EMPLOYMENT OPPORTUNITIES AND DBE CONTRACT PARTICIPATION**

The Lexington-Fayette Urban County Government has set a goal that not less than ten percent (10%) of the total value of this contract be subcontracted to MBE/WBE's, and set a goal that not less than three percent (3%) of the total value of this contract be subcontracted to Veteran-Owned Small Businesses. The goal for the utilization of Certified MBE/WBE's and Veteran-Owned Small Businesses as subcontractors are recommended goals. Contractors who fail to meet such goals will be expected to provide written explanations to the Director of the Division of Central Purchasing of efforts they have made to accomplish the recommended goals and the extent to which they are successful in accomplishing the recommended goals will be a consideration in the procurement process.

For assistance in locating MBE/WBE Subcontractors contact Sherita Miller at 859/258-3320 or by writing the address listed below:

Sherita Miller, Division of Central Purchasing  
Lexington-Fayette Urban County Government  
200 East Main Street – Room 338  
Lexington, Kentucky 40507  
[smiller@lexingtonky.gov](mailto:smiller@lexingtonky.gov)

**Lexington-Fayette Urban County Government**  
**MWDBE PARTICIPATION GOALS**

**A. GENERAL**

- 1) The LFUCG request all potential contractors to make a concerted effort to include Minority-Owned (MBE), Woman-Owned (WBE), Disadvantaged (DBE) Business Enterprises and Veteran-Owned Small Businesses (VOSB) as subcontractors or suppliers in their bids.
- 2) Toward that end, the LFUCG has established 10% of total procurement costs as a Goal for participation of Minority-Owned, Woman-Owned and Disadvantaged Businesses on this contract.
- 3) **It is therefore a request of each Bidder to include in its bid, the same goal (10%) for MWDBE participation and other requirements as outlined in this section.**
- 4) The LFUCG has also established a 3% of total procurement costs as a Goal for participation for of Veteran-Owned Businesses.
- 5) **It is therefore a request of each Bidder to include in its bid, the same goal (3%) for Veteran-Owned participation and other requirements as outlined in this section.**

**B. PROCEDURES**

- 1) The successful bidder will be required to report to the LFUCG, the dollar amounts of all payments submitted to Minority-Owned, Woman-Owned or Veteran-Owned subcontractors and suppliers for work done or materials purchased for this contract. (See Subcontractor Monthly Payment Report)
- 2) Replacement of a Minority-Owned, Woman-Owned or Veteran-Owned subcontractor or supplier listed in the original submittal must be requested in writing and must be accompanied by documentation of Good Faith Efforts to replace the subcontractor / supplier with another MWDBE Firm; this is subject to approval by the LFUCG. (See LFUCG MWDBE Substitution Form)
- 3) For assistance in identifying qualified, certified businesses to solicit for potential contracting opportunities, bidders may contact:
  - a) The Lexington-Fayette Urban County Government, Division of Central Purchasing (859-258-3320)
- 4) The LFUCG will make every effort to notify interested MWDBE and Veteran-Owned subcontractors and suppliers of each Bid Package, including information on the scope of work, the pre-bid meeting time and location, the bid date, and all other pertinent information regarding the project.

**C. DEFINITIONS**

- 1) A Minority-Owned Business Enterprise (MBE) is defined as a business which is certified as being at least 51% owned, managed and controlled by persons of African American, Hispanic, Asian, Pacific Islander, American Indian or Alaskan Native Heritage.
- 2) A Woman-Owned Business Enterprise (WBE) is defined as a business which is certified as being at least 51% owned, managed and controlled by one or more women.
- 3) A Disadvantaged Business (DBE) is defined as a business which is certified as being at least 51% owned, managed and controlled by a person(s) that are economically and socially disadvantaged.

- 4) A Veteran-Owned Small Business (VOSB) is defined as a business which is certified as being at least 51% owned, managed and controlled by a veteran and/or a service disabled veteran.
- 5) Good Faith Efforts are efforts that, given all relevant circumstances, a bidder or proposer actively and aggressively seeking to meet the goals, can reasonably be expected to make. In evaluating good faith efforts made toward achieving the goals, whether the bidder or proposer has performed the efforts outlined in the Obligations of Bidder for Good Faith Efforts outlined in this document will be considered, along with any other relevant factors.

#### D. OBLIGATION OF BIDDER FOR GOOD FAITH EFFORTS

- 1) **The bidder shall make a Good Faith Effort to achieve the Participation Goal for MWDBE and Veteran-Owned subcontractors/suppliers. The failure to meet the goal shall not necessarily be cause for disqualification of the bidder; however, bidders not meeting the goal are required to furnish with their bids written documentation of their Good Faith Efforts to do so.**
- 2) Award of Contract shall be conditioned upon satisfaction of the requirements set forth herein.
- 3) The Form of Proposal includes a section entitled “MWDBE Participation Form”. The applicable information must be completed and submitted as outlined below.
- 4) **Failure to submit this information as requested may be cause for rejection of bid or delay in contract award.**

#### E. DOCUMENTATION REQUIRED FOR GOOD FAITH EFFORTS

- 1) Bidders reaching the Goal are required to submit only the MWDBE Participation Form.” The form must be fully completed including names and telephone number of participating MWDBE firm(s); type of work to be performed; estimated value of the contract and value expressed as a percentage of the total Lump Sum Bid Price. The form must be signed and dated, and is to be submitted with the bid.
- 2) Bidders not reaching the Goal must submit the “MWDBE Participation Form”, the “Quote Summary Form” and a written statement documenting their Good Faith Effort to do so. If bid includes no MWDBE and/or Veteran participation, bidder shall enter “None” on the subcontractor / supplier form). In addition, the bidder must submit written proof of their Good Faith Efforts to meet the Participation Goal:
  - a. Advertised opportunities to participate in the contract in at least two (2) publications of general circulation media; trade and professional association publications; small and minority business or trade publications; and publications or trades targeting minority, women and disadvantaged businesses not less than fifteen (15) days prior to the deadline for submission of bids to allow MWDBE firms and Veteran-Owned businesses to participate.
  - b. Included documentation of advertising in the above publications with the bidders good faith efforts package
  - c. Attended LFUCG Central Purchasing Economic Inclusion Outreach event
  - d. Attended pre-bid meetings that were scheduled by LFUCG to inform MWDBEs and/or Veteran-Owned businesses of subcontracting opportunities



- e. Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and MWDBE firms and Veteran-Owned businesses.
- f. Requested a list of MWDBE and/or Veteran subcontractors or suppliers from LFUCG and showed evidence of contacting the companies on the list(s).
- g. Contacted organizations that work with MWDBE companies for assistance in finding certified MWDBE firms and Veteran-Owned businesses to work on this project. Those contacted and their responses should be a part of the bidder's good faith efforts documentation.
- h. Sent written notices, by certified mail, email or facsimile, to qualified, certified MWDBEs and/or Veteran-Owned businesses soliciting their participation in the contract not less than seven (7) days prior to the deadline for submission of bids to allow them to participate effectively.
- i. Followed up initial solicitations by contacting MWDBEs and Veteran-Owned Businesses to determine their level of interest.
- j. Provided the interested MWDBE firm and/or Veteran-Owned business with adequate and timely information about the plans, specifications, and requirements of the contract.
- k. Selected portions of the work to be performed by MWDBE firms and/or Veteran-Owned businesses in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate MWDBE and Veteran participation, even when the prime contractor may otherwise perform these work items with its own workforce
- l. Negotiated in good faith with interested MWDBE firms and Veteran-Owned businesses not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection should be so noted in writing with a description as to why an agreement could not be reached.
- m. Included documentation of quotations received from interested MWDBE firms and Veteran-Owned businesses which were not used due to uncompetitive pricing or were rejected as unacceptable and/or copies of responses from firms indicating that they would not be submitting a bid.
- n. Bidder has to submit sound reasons why the quotations were considered unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a MWDBE and/or Veteran-Owned business's quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy MWDBE and Veteran goals.
- o. Made an effort to offer assistance to or refer interested MWDBE firms and Veteran-Owned businesses to obtain the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the work requirements of the bid proposal
- p. Made efforts to expand the search for MWBE firms and Veteran-Owned businesses beyond the usual geographic boundaries.

q. Other--any other evidence that the bidder submits which may show that the bidder has made reasonable good faith efforts to include MWDBE and Veteran participation.

**Note: Failure to submit any of the documentation requested in this section may be cause for rejection of bid. Bidders may include any other documentation deemed relevant to this requirement which is subject to review by the MBE Liaison. Documentation of Good Faith Efforts must be submitted with the Bid, if the participation Goal is not met.**



## MINORITY BUSINESS ENTERPRISE PROGRAM

Sherita Miller, MPA  
Minority Business Enterprise Liaison  
Division of Central Purchasing  
Lexington-Fayette Urban County Government  
200 East Main Street  
Lexington, KY 40507  
[smiller@lexingtonky.gov](mailto:smiller@lexingtonky.gov)  
859-258-3323

**OUR MISSION:** The mission of the Minority Business Enterprise Program is to facilitate the full participation of minority and women owned businesses in the procurement process and to promote economic inclusion as a business imperative essential to the long term economic viability of Lexington-Fayette Urban County Government.

To that end the city council adopted and implemented Resolution 484-2017 – A Certified Minority, Women and Disadvantaged Business Enterprise ten percent (10%) minimum goal and a three (3%) minimum goal for Certified Veteran-Owned Small Businesses and Certified Service Disabled Veteran – Owned Businesses for government contracts.

The resolution states the following definitions shall be used for the purposes of reaching these goals (a full copy is available in Central Purchasing):

***Certified Disadvantaged Business Enterprise (DBE)*** – a business in which at least fifty-one percent (51%) is owned, managed and controlled by a person(s) who is socially and economically disadvantaged as define by 49 CFR subpart 26.

***Certified Minority Business Enterprise (MBE)*** – a business in which at least fifty-one percent (51%) is owned, managed and controlled by an ethnic minority (i.e. African American, Asian American/Pacific Islander, Hispanic Islander, Native American/Native Alaskan Indian) as defined in federal law or regulation as it may be amended from time-to-time.

***Certified Women Business Enterprise (WBE)*** – a business in which at least fifty-one percent (51%) is owned, managed and controlled by a woman.

***Certified Veteran-Owned Small Business (VOSB)*** – a business in which at least fifty-one percent (51%) is owned, managed and controlled by a veteran who served on active duty with the U.S. Army, Air Force, Navy, Marines or Coast Guard.

***Certified Service Disabled Veteran Owned Small Business (SDVOSB)*** – a business in which at least fifty-one percent (51%) is owned, managed and controlled by a disabled veteran who served on active duty with the U.S. Army, Air Force, Navy, Marines or Coast Guard.

The term “Certified” shall mean the business is appropriately certified, licensed, verified, or validated by an organization or entity recognized by the Division of Purchasing as having the appropriate credentials to make a determination as to th status of the business.

To comply with Resolution 484-2017, prime contractors and minority, women and veteran owned businesses must enroll in the new Diverse Business Management Compliance system, <https://lexingtonky.diversitycompliance.com/>

We have compiled the list below to help you locate certified MBE, WBE and DBE certified businesses. Below is a listing of contacts for LFUCG Certified MWDBEs and Veteran-Owned Small Businesses in (<https://lexingtonky.ionwave.net>)

<b>Business</b>	<b>Contact</b>	<b>Email Address</b>	<b>Phone</b>
<b>LFUCG</b>	Sherita Miller	<a href="mailto:smiller@lexingtonky.gov">smiller@lexingtonky.gov</a>	859-258-3323
<b>Commerce Lexington – Minority Business Development</b>	Tyrone Tyra	<a href="mailto:ttyra@commercelexington.com">ttyra@commercelexington.com</a>	859-226-1625
<b>Tri-State Minority Supplier Diversity Council</b>	Susan Marston	<a href="mailto:smarston@tsmsdc.com">smarston@tsmsdc.com</a>	502-365-9762
<b>Small Business Development Council</b>	Shawn Rogers UK SBDC	<a href="mailto:shawn.rogers@uky.edu">shawn.rogers@uky.edu</a>	859-257-7666
<b>Community Ventures Corporation</b>	Phyllis Alcorn	<a href="mailto:palcorn@cvky.org">palcorn@cvky.org</a>	859-231-0054
<b>KY Transportation Cabinet (KYTC)</b>	Melvin Bynes	<a href="mailto:Melvin.bynes2@ky.gov">Melvin.bynes2@ky.gov</a>	502-564-3601
<b>KYTC Pre-Qualification</b>	Shella Eagle	<a href="mailto:Shella.Eagle@ky.gov">Shella.Eagle@ky.gov</a>	502-782-4815
<b>Ohio River Valley Women’s Business Council (WBENC)</b>	Sheila Mixon	<a href="mailto:smixon@orvwbc.org">smixon@orvwbc.org</a>	513-487-6537
<b>Kentucky MWBE Certification Program</b>	Yvette Smith, Kentucky Finance Cabinet	<a href="mailto:Yvette.Smith@ky.gov">Yvette.Smith@ky.gov</a>	502-564-8099
<b>National Women Business Owner’s Council (NWBOC)</b>	Janet Harris-Lange	<a href="mailto:janet@nwvoc.org">janet@nwvoc.org</a>	800-675-5066
<b>Small Business Administration</b>	Robert Coffey	<a href="mailto:robertcoffey@sba.gov">robertcoffey@sba.gov</a>	502-582-5971
<b>LaVoz de Kentucky</b>	Andres Cruz	<a href="mailto:lavozdeky@yahoo.com">lavozdeky@yahoo.com</a>	859-621-2106
<b>The Key News Journal</b>	Patrice Muhammad	<a href="mailto:production@keynewsjournal.com">production@keynewsjournal.com</a>	859-685-8488





**LFUCG MWDBE PARTICIPATION FORM**

Bid/RFP/Quote Reference # 84-2022

The MWDBE and/or veteran subcontractors listed have agreed to participate on this Bid/RFP/Quote. If any substitution is made or the total value of the work is changed prior to or after the job is in progress, it is understood that those substitutions must be submitted to Central Purchasing for approval immediately. **Failure to submit a completed form may cause rejection of the bid.**

MWDBE Company, Name, Address, Phone, Email	MBE WBE or DBE	Work to be Performed	Total Dollar Value of the Work	% Value of Total Contract
1.	<i>Does Not Apply</i>			
2.				
3.				
4.				

The undersigned company representative submits the above list of MWDBE firms to be used in accomplishing the work contained in this Bid/RFP/Quote. Any misrepresentation may result in the termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

\_\_\_\_\_  
Company

\_\_\_\_\_  
Company Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title



**LEXINGTON**

**LFUCG MWDBE PARTICIPATION FORM**

Bid/RFP/Quote Reference # 84-2022

The MWDBE and/or veteran subcontractors listed have agreed to participate on this Bid/RFP/Quote. If any substitution is made or the total value of the work is changed prior to or after the job is in progress, it is understood that those substitutions must be submitted to Central Purchasing for approval immediately. **Failure to submit a completed form may cause rejection of the bid.**

MWDBE Company, Name, Address, Phone, Email	MBE WBE or DBE	Work to be Performed	Total Dollar Value of the Work	% Value of Total Contract
1.	<i>Does Not Apply</i>			
2.				
3.				
4.				

The undersigned company representative submits the above list of MWDBE firms to be used in accomplishing the work contained in this Bid/RFP/Quote. Any misrepresentation may result in the termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

\_\_\_\_\_  
Company

\_\_\_\_\_  
Company Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title



# LEXINGTON

## LFUCG MWDBE SUBSTITUTION FORM

Bid/RFP/Quote Reference # 84-2022

The substituted MWDBE and/or veteran subcontractors listed below have agreed to participate on this Bid/RFP/Quote. These substitutions were made prior to or after the job was in progress. These substitutions were made for reasons stated below and are now being submitted to Central Purchasing for approval. By the authorized signature of a representative of our company, we understand that this information will be entered into our file for this project. **Failure to submit this form may cause rejection of the bid.**

SUBSTITUTED MWDBE Company Name, Address, Phone, Email	MWDBE Formally Contracted/ Name, Address, Phone, Email	Work to Be Performed	Reason for the Substitution	Total Dollar Value of the Work	% Value of Total Contract
<i>Does Not Apply</i>					
1.					
2.					
3.					
4.					

The undersigned acknowledges that any misrepresentation may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

\_\_\_\_\_  
Company

\_\_\_\_\_  
Company Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title



# LEXINGTON

## MWDBE QUOTE SUMMARY FORM

Bid/RFP/Quote Reference # 84-2022

The undersigned acknowledges that the minority and/or veteran subcontractors listed on this form did submit a quote to participate on this project. Failure to submit this form may cause rejection of the bid.

Company Name	Contact Person
Address/Phone/Email	Bid Package / Bid Date

*Does Not Apply*

MWDBE Company Address	Contact Person	Contact Information (work phone, Email, cell)	Date Contacted	Services to be performed	Method of Communication (email, phone meeting, ad, event etc)	Total dollars \$\$ Do Not Leave Blank (Attach Documentation)	MBE * AA HA AS NA Female	Veteran

(MBE designation / AA=African American / HA= Hispanic American/AS = Asian American/Pacific Islander/ NA= Native American)

The undersigned acknowledges that all information is accurate. Any misrepresentation may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and claims.

\_\_\_\_\_  
Company

\_\_\_\_\_  
Company Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title





# LEXINGTON

## LFUCG SUBCONTRACTOR MONTHLY PAYMENT REPORT

The LFUCG has a 10% goal plan adopted by city council to increase the participation of minority and women owned businesses in the procurement process. The LFUCG also has a 3% goal plan adopted by cited council to increase the participation of veteran owned businesses in the procurement process. In order to measure that goal LFUCG will track spending with MWDBE and Veteran contractors on a monthly basis. By the signature below of an authorized company representative, you certify that the information is correct, and that each of the representations set forth below is true. Any misrepresentation may result in termination of the contract and/or prosecution under applicable Federal and State laws concerning false statements and false claims. Please submit this form monthly to the Division of Central Purchasing/ 200 East Main Street / Room 338 / Lexington, KY 40507.

Bid/RFP/Quote # 84-2022

Total Contract Amount Awarded to Prime Contractor for this Project \_\_\_\_\_

Project Name/ Contract #	Work Period/ From: _____ To: _____
Company Name:	Address:
Federal Tax ID:	Contact Person:

Subcontractor Vendor ID (name, address, phone, email)	Description of Work	Total Subcontract Amount	% of Total Contract Awarded to Prime for this Project	Total Amount Paid for this Period	Purchase Order number for subcontractor work (please attach PO)	Scheduled Project Start Date	Scheduled Project End Date
<i>Does Not Apply</i>							

By the signature below of an authorized company representative, you certify that the information is correct, and that each of the representations set forth below is true. Any misrepresentations may result in the termination of the contract and/or prosecution under applicable Federal and State laws concerning false statements and false claims.

\_\_\_\_\_  
Company

\_\_\_\_\_  
Company Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

LFUCG STATEMENT OF GOOD FAITH EFFORTS

Bid/RFP/Quote # 84-2022

Does Not Apply

By the signature below of an authorized company representative, we certify that we have utilized the following Good Faith Efforts to obtain the maximum participation by MWDBE and Veteran-Owned business enterprises on the project and can supply the appropriate documentation.

\_\_\_\_\_ Advertised opportunities to participate in the contract in at least two (2) publications of general circulation media; trade and professional association publications; small and minority business or trade publications; and publications or trades targeting minority, women and disadvantaged businesses not less than fifteen (15) days prior to the deadline for submission of bids to allow MWDBE firms and Veteran-Owned businesses to participate.

\_\_\_\_\_ Included documentation of advertising in the above publications with the bidders good faith efforts package

\_\_\_\_\_ Attended LFUCG Central Purchasing Economic Inclusion Outreach event

\_\_\_\_\_ Attended pre-bid meetings that were scheduled by LFUCG to inform MWDBEs and/or Veteran-Owned Businesses of subcontracting opportunities

\_\_\_\_\_ Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and MWDBE firms and Veteran-Owned businesses

\_\_\_\_\_ Requested a list of MWDBE and/or Veteran subcontractors or suppliers from LFUCG and showed evidence of contacting the companies on the list(s).

\_\_\_\_\_ Contacted organizations that work with MWDBE companies for assistance in finding certified MWBDE firms and Veteran-Owned businesses to work on this project. Those contacted and their responses should be a part of the bidder's good faith efforts documentation.

\_\_\_\_\_ Sent written notices, by certified mail, email or facsimile, to qualified, certified MWDBEs soliciting their participation in the contract not less than seven (7) days prior to the deadline for submission of bids to allow them to participate effectively.

\_\_\_\_\_ Followed up initial solicitations by contacting MWDBEs and Veteran-Owned businesses to determine their level of interest.

\_\_\_\_\_ Provided the interested MWBDE firm and/or Veteran-Owned business with adequate and timely information about the plans, specifications, and requirements of the contract.

\_\_\_\_\_ Selected portions of the work to be performed by MWDBE firms and/or Veteran-Owned businesses in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate MWDBE and Veteran participation, even when the prime contractor may otherwise perform these work items with its own workforce

\_\_\_\_\_ Negotiated in good faith with interested MWDBE firms and Veteran-Owned businesses not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection should be so noted in writing with a description as to why an agreement could not be reached.



\_\_\_\_\_ Included documentation of quotations received from interested MWDBE firms and Veteran-Owned businesses which were not used due to uncompetitive pricing or were rejected as unacceptable and/or copies of responses from firms indicating that they would not be submitting a bid.

\_\_\_\_\_ Bidder has to submit sound reasons why the quotations were considered unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a MWDBE and/or Veteran-Owned business's quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy MWDBE and Veteran goals.

\_\_\_\_\_ Made an effort to offer assistance to or refer interested MWDBE firms and Veteran-Owned businesses to obtain the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the work requirements of the bid proposal

\_\_\_\_\_ Made efforts to expand the search for MWBE firms and Veteran-Owned businesses beyond the usual geographic boundaries.

\_\_\_\_\_ Other--any other evidence that the bidder submits which may show that the bidder has made reasonable good faith efforts to include MWDBE **and Veteran participation.**

**NOTE: Failure to submit any of the documentation requested in this section may be cause for rejection of bid. Bidders may include any other documentation deemed relevant to this requirement which is subject to approval by the MBE Liaison. Documentation of Good Faith Efforts must be submitted with the Bid, if the participation Goal is not met.**

The undersigned acknowledges that all information is accurate. Any misrepresentations may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and claims.

\_\_\_\_\_  
Company

\_\_\_\_\_  
Company Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

*Does Not Apply*

**AMENDMENT 1 —  
CERTIFICATION OF COMPLIANCE FOR AMERICAN RESCUE PLAN ACT EXPENDITURES**

The Lexington-Fayette Urban County Government (“LFUCG”) may classify the subject matter of this bid as an expenditure under the American Rescue Plan Act of 2021. Expenditures under the American Rescue Plan Act of 2021 require evidence of the contractor’s compliance with Federal law. Therefore, by the signature below of an authorized company representative, you certify that the information below is understood, agreed, and correct. Any misrepresentations may result in the termination of the contract and/or prosecution under applicable Federal and State laws concerning false statements and false claims.

**The bidder agrees and understands that in addition to all conditions stated within the attached bid documents, the following conditions will also apply to any Agreement entered between bidder and LFUCG, if LFUCG classifies the subject matter of this bid as an expenditure under the American Rescue Plan Act. The bidder further certifies that it can and will comply with these conditions, if this bid is accepted and an Agreement is executed:**

1. Any Agreement executed as a result of acceptance of this bid may be governed in accordance with 2 CFR Part 200 and all other applicable Federal law and regulations and guidance issued by the U.S. Department of the Treasury.
2. Pursuant to 24 CFR 85.43, any Agreement executed as a result of acceptance of this bid can be terminated if the contractor fails to comply with any term of the award. This Agreement may be terminated for convenience in accordance with 24 CFR 85.44 upon written notice by LFUCG. Either party may terminate this Agreement with thirty (30) days written notice to the other party, in which case the Agreement shall terminate on the thirtieth day. In the event of termination, the contractor shall be entitled to that portion of total compensation due under this Agreement as the services rendered bears to the services required. Either party may terminate this Agreement for good cause shown with forty-five (45) days written notice, which shall explain the party’s cause for the termination. If the parties do not reach a settlement before the end of the 45 days, then the Agreement shall terminate on the forty-fifth day.
3. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:
  - (1) Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
  - (2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
  - (3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.

- (4) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (5) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (6) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (7) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part, and the contractor may be declared ineligible for further government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (8) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance.

Provided, however, that in the event a contractor becomes involved in or is threatened with litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

4. If fulfillment of the contract requires the contractor to employ mechanic's or laborers, the contractor further agrees that it can and will comply with the following:

- (1) Overtime requirements: No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such a workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such a workweek.
- (2) Violation: liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory) for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this section.
- (3) Withholding for unpaid wages and liquidated damages. LFUCG shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other federal contract with the same prime contractor, or any other federally-assisted contract

subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this section.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower-tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower-tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this section.

5. The contractor shall comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.

6. The contractor shall report each violation to LFUCG and understands and agrees that LFUCG will, in turn, report each violation as required to assure notification to the Treasury Department and the appropriate Environmental Protection Agency Regional Office.

7. The contractor shall include these requirements in numerical paragraphs 5 and 6 in each subcontract exceeding \$100,000 financed in whole or in part with American Rescue Plan Act funding.

8. The contractor shall comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.

9. The contractor shall report each violation to LFUCG and understands and agrees that LFUCG will, in turn, report each violation as required to assure notification to the Treasury Department and the appropriate Environmental Protection Agency Regional Office.

10. The contractor shall include these requirements in numerical paragraphs 8 and 9 in each subcontract exceeding \$100,000 financed in whole or in part with American Rescue Plan Act funds.

11. The contractor shall comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.

12. The contractor shall report each violation to LFUCG and understands and agrees that LFUCG will, in turn, report each violation as required to assure notification to the Treasury Department and the appropriate Environmental Protection Agency regional office.

13. The contractor shall include these requirements in numerical paragraphs 11 and 12 in each subcontract exceeding \$100,000 financed in whole or in part with American Rescue Plan Act funds.

14. The contractor shall include this language in any subcontract it executes to fulfill the terms of this bid: “the subgrantee, contractor, subcontractor, successor, transferee, and assignee shall comply with Title VI of the Civil Rights Act of 1964, which prohibits recipients of federal financial assistance from excluding from a program or activity, denying benefits of, or otherwise discriminating against a person on the basis of race, color, or national origin (42 U.S.C. § 2000d et seq.), as implemented by the Department of the Treasury’s Title VI regulations, 31 CFR Part 22, which are herein incorporated by reference and made a part of this contract (or agreement). Title VI also includes protection to persons with ‘Limited English Proficiency’ in any program or activity receiving federal financial

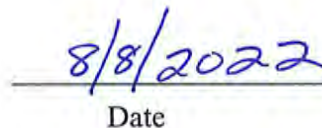


assistance, 42 U.S.C. § 2000d et seq., as implemented by the Department of the Treasury's Title VI regulations, 31 CFR Part 22, and herein incorporated by reference and made a part of this contract or agreement.”

15. Contractors who apply or bid for an award of \$100,000 or more shall file the required certification that it will not and has not used federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency. Each tier certifies to the tier above that it will not and has not used federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-federal funds that takes place in connection with obtaining any federal award. Such disclosures are forwarded from tier to tier, up to the recipient. The required certification is included here:

- a. The undersigned certifies, to the best of his or her knowledge and belief, that:
  - (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
  - (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, “Disclosure Form to Report Lobbying,” in accordance with its instructions.
  - (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.
- b. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

  
Signature

  
Date

**Lexington Fire Department**  
**Request for Bids on Self Contained Breathing Apparatus (SCBA)**

1. INTRODUCTION

1.1. The Lexington Fire Department is seeking bids for purchase of self-contained breathing apparatus (SCBA) and related components. The SCBA and related components shall meet the minimum specifications listed below. Options are listed immediately following the minimum specifications. Proposals on the options are at the discretion of the vendor. All bids must conform to these specifications and be presented on the forms provided for that purpose.

2. BIDS

2.1. Bids must be submitted on the forms included in this document and must be properly signed in the spaces indicated. Bids submitted otherwise will not be acceptable

2.2. The Department reserves the right to reject any or all bids, waive technicalities, and to be the sole judge of suitability of the equipment or services for its intended use and further specifically reserve the right to make the award in the best interests of the Department. Other factors to be considered in awarding the bid will be price and time required to make delivery. Unless otherwise specified by the bidder, the Department reserves the right to accept any item in the bid and to award items to one single provider.

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

2.4. Since time is of the essence, the date of delivery as shown in the Bid may be taken into consideration in the award or in the cancellation of the award for breach of contract.

2.5. A contract will be awarded after an evaluation of all bids have been made, and in the interest of suitability to the Department's needs and/or economy, equipment, furnishings, or service.

2.6. Bids will be evaluated using a best value method where price is worth 75 points and delivery days is worth 25 points.

3. EXCEPTIONS TO SPECIFICATIONS

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

3.2. To the right side of each section for a particular specification, the bidder shall mark the column for "YES", "NO" or "EXCEPTION" indicating the exact compliance with the specification.

3.3. All deviations and exceptions, no matter how slight, shall be clearly explained in writing with the bid proposal. All exceptions must list the section and fully describe the exception or alternative.

3.4. The Lexington Fire Department may choose to reject bids based on exceptions. Any exceptions that make the SCBA non-compliant with the National Fire Protection Association's 2018 Edition of NFPA-1981 Standard on Open-Circuit Self-Contained Breathing Apparatus will result in the bid being rejected.

4. WARRANTY INFORMATION

4.1. Vendor shall state specifically in the bid the manufacturer's warranty regarding parts and labor,

and the duration of the warranty in years. If separate parts of the SCBA/cylinder/facepiece have different warranties, this shall be specified in the bid. The vendor shall state specifically any and all regularly scheduled maintenance and requirements outlined by the manufacturer to maintain any and all warranties.

4.2. Additionally, the vendor shall also provide specific information regarding where said maintenance can and/or should be performed (i.e., within Lexington Fire Department, manufacturer's service center, etc.).

5. CONTACT

5.1. Questions regarding the specifications should be directed via email to Jessica Allinder, [jallinder@lexingtonky.gov](mailto:jallinder@lexingtonky.gov)

6. MINIMUM SPECIFICATIONS OF THE SELF-CONTAINED BREATHING APPARATUS

6.1. It is the intent of these minimum specifications to describe certain equipment in sufficient detail to obtain competitive bids from qualified vendors for the furnishing and delivery of said equipment to be used by the Lexington Fire Department. All parts not specifically mentioned which are necessary to provide the described equipment shall be included in the proposal and shall conform in strength and quality or material and workmanship to what is usually provided for the trade in general. Any omissions of components in these specifications are inadvertent and should be included in the proposed SCBA. Acceptable manufacturers are MSA and 3M Scott Fire & Safety.

	Meets Specification		
	Yes	No	Exception
<b>Approvals</b>			
SCBA shall be approved by the National Institute for Occupational Safety and Health (NIOSH), under 42 CFR, Part 84 for chemical, biological, radiological, and nuclear protection (CBRN) with 45 or 60 minute-rated service life and compliant with all requirements of the National Fire Protection Association's 2018 Edition of NFPA-1981 Standard on Open-Circuit Self-Contained Breathing Apparatus.	✓		
Units equipped with integrated PASS device must meet requirements of NFPA 1982, 2018 edition.	✓		
<b>Facepiece</b>			
Facepiece shall have removable inhalation check valve to prevent exhaled air from entering and contaminating the second stage regulator	✓		
Facepiece shall have open port to provide miniscule breathing resistance when regulator is not attached.	✓		
Facepiece shall not contain electronic components.	✓		
Facepiece shall provide means to display to user with visual indicators for HUD.	✓		
Facepiece shall have regulator attachment that does not bear any weight on lens.	✓		
Facepiece shall have effective field of view of 86% and overlapping field of view of 122% without attached component.	✓		

Facepiece shall be available in three sizes in Hycar Rubber (small, medium, large).	✓		
Facepiece shall have nose cup comprised of silicone rubber and available in three sizes (small, medium, large).	✓		
Facepiece shall have three head harness options constructed of flame/heat resistant assembly: Kevlar Head Harness (4-pt. adjustable), Kevlar 5-pt. adjustable and rubber 5-pt. adjustable.	✓		
Facepiece shall have universal lens that can be used with all three facepiece sizes, shall be comprised of non-shatter type material and shall be field-replaceable.	✓		
Lens shall be hard-coated on outside and anti-fog coated on inside.	✓		
Facepiece shall have optional flame/heat-resistant fabric or rubber neck strap to carry facepiece in ready position for quick donning.	✓		
Facepiece shall have removable speaking diaphragm with aluminum-coated membrane, suitably protected and located centrally on facepiece for optimal voice projection.	✓		
Facepiece shall have exhalation valve that is to be serviceable without special tools.	✓		
Facepiece shall be capable of accepting an APR adapter and must comply with NIOSH 42 CFR, Part 84	✓		
Facepiece shall be capable of water submersion for cleaning and disinfection.	✓		
Facepiece provides optional RFID chip for asset and maintenance tracking	✓		

<b>Mask-Mounted Regulator (Demand Valve): Push-to-Connect</b>	<b>Yes</b>	<b>No</b>	<b>Exception</b>
When doffing regulator, regulator disengagement shall simultaneously stop air flow and release regulator.	✓		
Regulator shall house electronic module that functions as microphone and HUD system.	✓		
Regulator shall be equipped with variable flow bypass.	✓		
Regulator shall not have exposed wiring in order to prevent snags and increase product durability.	✓		
Regulator shall be of hard cover design.	✓		
Regulator shall have fewer than 35 parts that are easily replaceable without special tools.	✓		
Regulator shall have two options for air-supply hose: 1) Continuous hose from pressure reducer to regulator. 2) Quick-connect hose that terminates on shoulder in front of user.	✓		
Regulator must be equipped with positive protection Tetraplex Shield membrane that covers diaphragm, preventing permeation of CBRN agents.	✓		
Regulator shall have optional RFID chip for asset and maintenance tracking.	✓		



<b>Heads-Up Display (HUD)</b>	<b>Yes</b>	<b>No</b>	<b>Exception</b>
Heads-Up Display (HUD) System shall be integrated within regulator, eliminating snag hazards and increase product durability.	✓		
HUD shall be powered from central power system.	✓		
HUD System shall eliminate cross-talk among firefighters.	✓		
HUD System shall be immune to radio frequency interference (RFI) and must function properly in close proximity to fire service hand-held radios.	✓		
HUD System shall separate pressure indicators from status indicators: Left: status indicators. Right: pressure indicators.	✓		
HUD system shall provide user with remaining cylinder air volume, available in four increments through series of four colored LEDs: Four green lights 76 to 100% cylinder volume Three green lights 51 to 75% cylinder volume Two flashing amber lights 36 to 50% cylinder volume One flashing red light 0 to 35% cylinder volume	✓		
HUD status indicators shall be icon-based and display battery life warning, PASS alarms, EVACUATE indicator, and secondary alarm indicator.	✓		
HUD shall incorporate photoelectric sensor that senses ambient light conditions, automatically adjusting display to one of multiple pre-programmed light intensities.	✓		
Buddy lights shall be visible from outside of firefighter's facepiece.	✓		
HUD system shall allow user to select from four modes of operation: 1) Continuous pressure mode that shall always have pressure LEDs on. 2) Intermittent pressure mode that shall turn on first three increments when reached for 20 seconds. 3) Oscillating pressure mode that shall brighten and dim LEDs every 20 seconds. 4) Mixed pressure mode that shall turn on first two increments when reached for 20 seconds and last two increments are in continuous mode	✓		
HUD shall be field-removable and replaceable without use of special tools.	✓		

<b>Universal Air Connection (UAC)</b>	<b>Yes</b>	<b>No</b>	<b>Exception</b>
System shall be capable of: 1) Refill within immediately dangerous to life or health (IDLH) atmospheres. 2) Quickly refilling (approximately one-minute duration) SCBA cylinder from mobile compressor, cascade system or RIT pack.	✓		

Primary UAC shall be illuminated when supply pressure reaches Low Pressure Warning Alarm or can be configured to optional medium pressure warning alarm.	✓		
UAC must be capable of delivering air as well, allowing for the transfill of air from one SCBA to another.	✓		

<b>Pressure Reducer (First-Stage Regulator) with Primary Low Pressure Warning Device</b>	<b>Yes</b>	<b>No</b>	<b>Exception</b>
Pressure reducer shall incorporate downstream valve to ensure fail-safe design when in open position.	✓		
Pressure reducer shall incorporate bell alarm mechanism.	✓		
Bell alarm mechanism shall be an air-actuated, continuously ringing audible warning alarm, automatically operating when supply cylinder air pressure reaches approximately 35% of rated service life.	✓		
Bell alarm mechanism shall cover multiple levels of frequencies to cover all hearing levels.	✓		
Bell alarm mechanism shall be user-accessible while wearing SCBA.	✓		
Pressure reducer reduces cylinder pressure to outlet pressure not to exceed 115 psi; outlet pressure must be adjustable.	✓		
Pressure reducer shall have flow capacity of 700 liters per minute at full pressure.	✓		
Pressure reducer shall connect to cylinder via a CGA threaded fitting.	✓		
Pressure reducer shall be capable of converting from threaded to quick-connect or vice versa.	✓		
Pressure reducer body shall be constructed of high-strength aluminum alloy and anodized with Teflon hard coat to minimize corrosion and wear of internal and external components.	✓		
Pressure reducer shall be sealed system that does not allow moisture to enter valve components.	✓		
Pressure reducer shall have no more than 42 individual regulator replacement parts.	✓		
Pressure reducer shall not require special tools for disassembly.	✓		
Pressure reducer shall have two accessory ports, one medium pressure and one high pressure.	✓		

<b>Cylinders</b>	<b>Yes</b>	<b>No</b>	<b>Exception</b>
Cylinders shall have 4500 psig operating pressure and must be available in 30-, 45- and 60-minute durations.	✓		
Cylinder shall be constructed of deep-drawn, seamless aluminum liner that is fully wound over entire surface (except for thick neck area) with high-strength carbon fiber filaments impregnated with epoxy resin.	✓		

Cylinder shall contain cylinder valve that shall incorporate pressure gauge to indicate cylinder pressure at all times. Pressure gauge face shall be luminescent. Hand wheel shall be placed at 90° angle from cylinder axis.	✓		
Cylinder valve shall incorporate flow control insert to limit air flow over hand wheel's first half rotation, minimizing propulsion thrust in event that cylinder is mishandled.	✓		
Cylinder valve shall incorporate CGA thread that can be converted to quick connect cylinder without special tools.	✓		
Cylinder shall have bracket and boot that can be user-installed and provide positioning and added security of cylinder to backplate.	✓		
Cylinders shall have Lexington Fire Dept logo	✓		

<b>PASS Device</b>	<b>Yes</b>	<b>No</b>	<b>Exception</b>
PASS device shall contain power, control and battery modules.	✓		
Power module shall provide power to all electronic SCBA components from battery module and act as central power system.	✓		
Power module shall act as central command center, distributing all information and data among electronic components.	✓		
Battery module shall be powered by one lithium-ion rechargeable battery. Optional 6 C cell alkaline battery pack shall be available.	✓		
PASS device shall be designed for battery level check and removal of batteries while SCBA remains in jump seat.	✓		
Power module shall be capable of illuminating UAC fitting when supply cylinder reaches 35% of rated service time.	✓		
Control module shall have analog and digital display for added redundancy. Analog gauge must be positioned above digital display as viewed by user.	✓		
Control module shall be equipped with full color graphical display. Display shall be reprogrammable and capable of future integrations. Display's background color coordinates with HUD pressure status.	✓		
Control module shall automatically provide information to user when placed in upright position. Device can be manually activated by pressuring reset button.	✓		
PASS device shall use single line to connect power and control module.	✓		
Control module shall have two reset buttons that perform same function no matter which button is pressed.	✓		
Control module shall have alarm button to activate full alarm and is to be illuminated.	✓		

PASS device shall be capable of being reprogrammed to fire department standard operating procedures (SOP). Using PC software program, configuration tag can be created and tagged on each device needed. Reprogramming options are as follows: 1) Medium pressure alarm. 2) Pressure drop alarm. 3) Primary temperature alarm. 4) Secondary temperature alarm. 5) Audible low pressure alarm	✓		
PASS device shall be equipped with buddy lights on firefighter's front and back and viewable from 360° view; two buddy lights on front of user and four buddy lights in back of user.	✓		
PASS device shall have colored buddy lights: green (pressure above 50% and no alarms), yellow (pressure between 36 and 50%) or red (below 36% or alarms are active).	✓		
Power module shall be equipped with dual sound emitters; sound emitters shall perform at minimum 100 dBa in room temperature.	✓		
PASS device shall be capable of storing up to 25 hours of use information in event log form that are generated each time SCBA is pressurized. Event logs must indicate on/off cycles, alarms, alarm reset, and tagging events.	✓		
PASS device shall be capable of storing periodic logs. Periodic logs must indicate cylinder pressure for each SCBA pressurization stored at 15-second intervals.	✓		
PASS device's event and periodic logs shall provide ability to download to personal computer for maintenance records or for use in incident investigations.	✓		
PASS device shall be immune to radio frequency interference (RFI) and must function properly in close proximity of fire service hand-held radios.	✓		
PASS device shall have optional time-remaining display. Time remaining function must update calculations every 30 seconds based upon user's previous three minutes of air consumption. Initial calculation will appear after three minutes. Calculations can be made to zero pressure, low pressure alarm or medium pressure alarm.	✓		
PASS device shall employ gasket perimeter seal to provide highest protection level against water ingress, while providing ability to upgrade or repair electronics.	✓		
PASS device shall be capable of electronically storing user's name into memory via ID tag.	✓		
PASS device shall be removable with no more than two screws.	✓		
Control module shall have service mode that provides ability to see number of hours used, connect to PC and firmware versions.	✓		
Control module shall incorporate rubber boot for added protection and is to be replaceable.	✓		
Power and Control Modules shall have optional RFID chip for asset and maintenance tracking.	✓		



<b>Speaker Module</b>	<b>Yes</b>	<b>No</b>	<b>Exception</b>
Speaker module shall provide amplified speech that removes inhalation breath noise.	✓		
Speaker module shall provide at minimum, 70 dBa output.	✓		
Speaker module shall turn on and off with PASS device.	✓		
Speaker module shall be powered by central power system.	✓		
Speaker module shall be capable of passing NFPA heat and immersion leakage test (not NFPA-required).	✓		
Speaker module shall be positioned on chest and attached to shoulder straps.	✓		
Speaker module shall be capable of being mounted on either shoulder.	✓		
Speaker module shall easily be attached and removed without special tools.	✓		
Speaker module shall have light to indicate that device is powered on.	✓		
Speaker module shall have on/off button to allow user to manually power off as needed.	✓		

<b>Carrier and Harness</b>	<b>Yes</b>	<b>No</b>	<b>Exception</b>
Shoulder harness shall have separate left and right pads for easier and less costly replacement.	✓		
Shoulder harness shall have retro-reflective markings for better visibility within low light conditions.	✓		
Shoulder harness shall have localized frictions pads on shoulders to prevent slippage.	✓		
Shoulder harness shall be have serviceable tunnel for ease of service and laundering of straps.	✓		
Shoulder harness shall have improved color stability up to 600 degrees Fahrenheit.	✓		
Shoulder harness shall be capable of washing 40 times before color fastness fades.	✓		
Harness design shall have Kevlar webbing.	✓		
Shoulder harness shall have accessory attachment point available for facepiece or pouch and can be moved from left to right shoulder strap or vice versa.	✓		
SCBA shall be equipped with an adjustable swiveling lumbar pad attached to metal bracket that has three positions and automatically centers.	✓		
Adjustable swiveling waist pad shall be one-handed operation and can be performed while on user's back.	✓		

Backplate shall have two side handles and one top handle that are accessible with gloved hand.	✓		
Backplate side handles shall be capable of 500 lbs. of force.	✓		
Backplate top handle shall be capable of 1000 lbs. of force.	✓		
Backplate cylinder band shall be of metal design making it easier to change out cylinders.	✓		
Waist straps shall be double-pull forward design.	✓		
Harness design shall have regulator keeper for storage that can be attached to waist strap or chest strap.	✓		
Regulator keeper shall allow regulator to be connected at any angle.	✓		

<b>Emergency Escape Breathing System (UEBSS)</b>	✓		
SCBA must be equipped with an Emergency Escape Breathing Support System (UEBSS).	✓		
System must meet the 2018ed of NFPA 1981 for UEBSS	✓		
System shall connect to the intermediate pressure side of SCBA, downstream of the pressure reducer.	✓		
System shall have both male and female connections.	✓		
System shall have universal (Rectus) fitting.	✓		

<b>Upgradeability</b>	✓		
Must be Bluetooth enabled	✓		
Must be able to receive updates via a Bluetooth connection.	✓		
Control module must have Bluetooth icon visible to display connection status.	✓		
Must have ability to upgrade standard control module to an integrated thermal imaging camera control module.	✓		

<b>Telemetry</b>			
SCBA shall be equipped with a telemetry system capable of transmitting the following data to a receiver; cylinder pressure, PASS alarm activations, low pressure alarms, thermal alarms, time remaining calculations, username and team assignment.	✓		
The telemetry device must be capable of receiving an evacuation signal from an incident command base station.	✓		
Telemetry base station must have wireless monitoring capability of telemetry enabled SCBA via a tablet or laptop.	✓		

<b>Training</b>	<b>Yes</b>	<b>No</b>	<b>Exception</b>
The successful bidder shall provide a technician level maintenance training class for up to twelve (12) members of the department. A description of how this training will be performed shall be included in the proposal.	✓		
The successful bidder will submit a plan for training all department personnel how to use the SCBA.	✓		

Emergency Air Supply System (RIT Pack).	Yes	No	Exception
<p>The RIT Pack shall consist of the following components:</p> <ol style="list-style-type: none"> <li>1. A carrying bag</li> <li>2. An audible low-pressure alarm</li> <li>3. A Universal Air Connection (UAC) high- pressure emergency airline that will function with any manufacturers NFPA 1981, 2002 compliant or newer self-contained breathing apparatus</li> <li>4. A low-pressure airline hose assembly with a low-pressure manifold that has a male and female quick disconnect and additional ports to allow the use of other SCBA manufacturer's low-pressure fittings.</li> <li>5. Facepiece</li> <li>6. A second stage regulator.</li> </ol>	✓		

Quantity & Pricing Forms

**Required Item Quantity and Pricing**

Item #	Quantity	Description	Price Each	Total Price
1	360	Self-Contained Breathing Apparatus compliant to NFPA 1981, 2018 Edition complete with adjustable swiveling lumbar pad, quick connect cylinder attachment, shoulder straps with serviceable tunnel, integrated PASS, HUD, and rechargeable battery	5,235 <sup>00</sup>	1,884,600 <sup>00</sup>
2	740	4500psi 30 minute rated low profile Carbon wrapped cylinders	711 <sup>00</sup>	526,140 <sup>00</sup>
3	85	4500psi 45 minute rated low profile Carbon wrapped cylinders	865 <sup>00</sup>	73,525 <sup>00</sup>
4	20	4500psi 60 minute rated low profile Carbon wrapped cylinders	1,061 <sup>00</sup>	21,220 <sup>00</sup>
5	660	Facepieces	278 <sup>00</sup>	183,480 <sup>00</sup>
6	27	Battery charging banks	625 <sup>00</sup>	16,875 <sup>00</sup>
7	162	Spare rechargeable batteries	323 <sup>00</sup>	52,326 <sup>00</sup>
8	10	RIT Pack with Rescue Bag, medium facepiece, regulator, 6' transfill and extendaire hoses, gauge, and low-pressure alarm	3,527 <sup>00</sup>	35,270 <sup>00</sup>
9	6	Regulator set ups for our Tower operations.	932 <sup>00</sup>	5,592 <sup>00</sup>
10	12	Training for up to 12 SCBA technicians		FREE
<b>Total for Required Items:</b>				<b>2,799,028<sup>00</sup></b>

**Optional and Ancillary Equipment**

Item	Quantity	Description	Price Each	Total Price
1	360	Add Telemetry System to each SCBA listed above.	\$ 317 <sup>00</sup>	\$ 114,120 <sup>00</sup>
2		Base stations for Telemetry System	\$ 2,970 <sup>00</sup>	
3		Tag reader/writer	\$ 583 <sup>00</sup>	
4		Identification Tags	\$ 34 <sup>00</sup>	
5	30	PAPR capable of utilizing same facepieces listed above. Must be equipped with rechargeable battery.	\$ 1,624 <sup>00</sup>	\$ 48,720 <sup>00</sup>
6	30	Single port APR adaptors for above facepieces equipped for 40mm threaded cartridges.	\$ 78 <sup>00</sup>	\$ 2,340 <sup>00</sup>
7	4	Supplied air respirators with 15 minute Carbon escape cylinder, Kevlar harness with padded shoulder strap, capable of utilizing the same facepieces listed above.	\$ 1,435 <sup>00</sup>	\$ 5,740 <sup>00</sup>
8	60	Dual port APR adaptors for above facepieces equipped for bayonet style cartridges	\$ 76 <sup>00</sup>	\$ 4,560 <sup>00</sup>
9	1	Software for SCBA annual testing	\$ 905 <sup>00</sup>	\$ 905 <sup>00</sup>
10	40	Soft Goods Kit for laundering of shoulder straps and lumbar pad	\$ 745 <sup>00</sup>	\$ 29,800 <sup>00</sup>



**Lexington Fire Department Request for Bids for  
Self-Contained Breathing Apparatus**

I, Todd Vogelpohl, as an authorized signer for my company hereby certify that the figures contained in this Bid Proposal are accurate and correct. I also have read and understand the specifications for the Lexington Fire Department, Self-Contained Breathing Apparatus and submit this Bid Proposal for consideration.

Signed 

Print Name Todd Vogelpohl

Title President

Company Vogelpohl Fire Equipment, Inc.

Mailing Address 2770 Circleport Dr Erlanger, KY 41018

Phone 859-282-1000

Date 8/8/2022

**Exception Form:**

<b>Category:</b>	<b>Exception Description:</b>	<b>Alternative:</b>

**RISK MANAGEMENT PROVISIONS  
INSURANCE AND INDEMNIFICATION**

---

**INDEMNIFICATION AND HOLD HARMLESS PROVISION**

- (1) It is understood and agreed by the parties that Vendor hereby assumes the entire responsibility and liability for any and all damages to persons or property caused by or resulting from or arising out of any act or omission on the part of Vendor or its employees, agents, servants, owners, principals, licensees, assigns or subcontractors of any tier (hereinafter "Vendor") under or in connection with this agreement and/or the provision of goods or services and the performance or failure to perform any work required thereby.
- (2) Vendor shall indemnify, save, hold harmless and defend the Lexington-Fayette Urban County Government and its elected and appointed officials, employees, agents, volunteers, and successors in interest (hereinafter "LFUCG") from and against all liability, damages, and losses, including but not limited to, demands, claims, obligations, causes of action, judgments, penalties, fines, liens, costs, expenses, interest, defense costs and reasonable attorney's fees that are in any way incidental to or connected with, or that arise or are alleged to have arisen, directly or indirectly, from or by Vendor's performance or breach of the agreement and/or the provision of goods or services provided that: (a) it is attributable to personal injury, bodily injury, sickness, or death, or to injury to or destruction of property (including the loss of use resulting therefrom), or to or from the negligent acts, errors or omissions or willful misconduct of the Vendor; and (b) not caused solely by the active negligence or willful misconduct of LFUCG.
- (3) In the event LFUCG is alleged to be liable based upon the above, Vendor shall defend such allegations and shall bear all costs, fees and expenses of such defense, including but not limited to, all reasonable attorneys' fees and expenses, court costs, and expert witness fees and expenses, using attorneys approved in writing by LFUCG, which approval shall not be unreasonably withheld.
- (4) These provisions shall in no way be limited by any financial responsibility or insurance requirements, and shall survive the termination of this agreement.
- (5) LFUCG is a political subdivision of the Commonwealth of Kentucky. Vendor acknowledges and agrees that LFUCG is unable to provide indemnity or otherwise save, hold harmless, or defend the Vendor in any manner.

**FINANCIAL RESPONSIBILITY**

Vendor understands and agrees that it shall demonstrate the ability to assure compliance with these provisions prior to final acceptance of its bid and the commencement of any work or the provision of any goods.

**INSURANCE REQUIREMENTS**

YOUR ATTENTION IS DIRECTED TO THE INSURANCE REQUIREMENTS BELOW. YOU MAY NEED TO CONFER WITH YOUR INSURANCE AGENTS, BROKERS, OR CARRIERS TO DETERMINE IN ADVANCE OF SUBMISSION OF A RESPONSE THE AVAILABILITY OF THE INSURANCE COVERAGES AND ENDORSEMENTS REQUIRED HEREIN. IF YOU FAIL TO COMPLY WITH THE INSURANCE REQUIREMENTS BELOW OR THE INDEMNITY REQUIREMENTS, YOU MAY BE DISQUALIFIED FROM AWARD OF THE CONTRACT.

Required Insurance Coverage

Vendor shall procure and maintain for the duration of this contract the following or equivalent insurance policies at no less than the limits shown below and cause its subcontractors to maintain similar insurance with limits acceptable to LFUCG in order to protect LFUCG against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work or provision of goods hereunder by Vendor. The cost of such insurance shall be included in any bid:

<u>Coverage</u>	<u>Limits</u>
General Liability (Insurance Services Office Form CG 00 01)	\$1 million per occurrence, \$2 million aggregate or \$2 million combined single limit
Worker's Compensation	Statutory
Employer's Liability	\$500,000

The policies above shall contain the following conditions:

- a. All Certificates of Insurance forms used by the insurance carrier shall be properly filed and approved by the Department of Insurance for the Commonwealth of Kentucky. LFUCG shall be named as an additional insured in the General Liability Policy and any required Commercial Automobile Liability Policy using the Kentucky DOI approved forms.
- b. The General Liability Policy shall be primary to any insurance or self-insurance retained by LFUCG.
- c. The General Liability Policy shall include **Products Liability** coverage.
- d. LFUCG shall be provided at least 30 days advance written notice via certified mail, return receipt requested, in the event any of the required policies are canceled or non-renewed.
- e. Said coverage shall be written by insurers acceptable to LFUCG and shall be in a form acceptable to LFUCG. Insurance placed with insurers with a rating classification of no less than Excellent (A or A-) and a financial size category of no less than VIII, as defined by the most current Best's Key Rating Guide shall be deemed automatically acceptable.

Renewals

After insurance has been approved by LFUCG, evidence of renewal of an expiring policy must be submitted to LFUCG, and may be submitted on a manually signed renewal endorsement form. If the policy or carrier has changed, however, new evidence of coverage must be submitted in accordance with these Insurance Requirements.

Deductibles and Self-Insured Programs

**IF YOU INTEND TO SUBMIT A SELF-INSURANCE PLAN IT MUST BE FORWARDED TO LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, DIVISION OF RISK MANAGEMENT, 200 EAST MAIN STREET, LEXINGTON, KENTUCKY 40507 NO LATER THAN A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO THE RESPONSE DATE.** Self-insurance programs, deductibles, and self-insured retentions in insurance policies are subject to separate approval by Lexington-Fayette Urban County Government's Division of Risk Management, upon review of evidence of Vendor's financial capacity to respond to claims. Any such programs or

retentions must provide LFUCG with at least the same protection from liability and defense of suits as would be afforded by first-dollar insurance coverage.

#### Safety and Loss Control

Vendor shall comply with all applicable federal, state, and local safety standards related to the performance of its works or services under this Agreement and take necessary action to protect the life, health and safety and property of all of its personnel on the job site, the public, and LFUCG.

#### Verification of Coverage

Vendor agrees to furnish LFUCG with all applicable Certificates of Insurance signed by a person authorized by the insurer to bind coverage on its behalf prior to final award, and if requested, shall provide LFUCG copies of all insurance policies, including all endorsements.

#### Right to Review, Audit and Inspect

Vendor understands and agrees that LFUCG may review, audit and inspect any and all of its records and operations to insure compliance with these Insurance Requirements.

#### **DEFAULT**

Vendor understands and agrees that the failure to comply with any of these risk management provisions shall constitute a default and that LFUCG may elect at its option any single remedy or penalty or any combination of remedies and penalties, as available, including but not limited to purchasing insurance and charging Vendor for any such insurance premiums purchased, or suspending or terminating the contract or work.

00537945



# **MSA G1 SCBA**

## **Limited Warranty and Terms of Sale**

**Express Warranty** — MSA - The Safety Company (MSA) warrants MSA G1 SCBA (SCBA) to be free from defects in materials and/or faulty workmanship for a period of fifteen (15) years from the date of sale by MSA. This warranty applies to all components of the SCBA including all accessories and optional equipment purchased and supplied at the time of the original sale of the SCBA, except consumable parts, as defined by the terms of sale. MSA's obligation under this warranty is limited to the repair or replacement, at MSA's option, of the SCBA or components shown to be defective in either workmanship or materials.

No agent, employee or representative of MSA may bind MSA to any affirmation, representation or modification of the warranty concerning the goods sold under this contract.

MSA shall be released from all obligations under this warranty in the event that repairs or modifications are made by persons other than its own or authorized service personnel, or if the warranty claim results from accident, alteration, misuse, or abuse.

***THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTEES, EXPRESSED, IMPLIED, OR STATUTORY INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN ADDITION, MSA EXPRESSLY DISCLAIMS ANY LIABILITY FOR ECONOMIC, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES IN ANY WAY CONNECTED WITH THE SALE OR USE OF MSA PRODUCTS, INCLUDING, BUT NOT LIMITED TO, LOSS OF ANTICIPATED PROFITS.***



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[www.MSAFire.com](http://www.MSAFire.com)

**Fire Service Customer Service Center**  
Phone 1-877-MSA-FIRE  
Fax 1-800-967-0398

**MSA Canada**  
Phone 1-800-672-2222  
Fax 1-800-967-0398

**MSA Mexico**  
Phone 01 800 672 7222  
Fax 52-44 2227 3943

**MSA International**  
Phone 724-776-8626  
Toll-Free 1-800-672-7777  
Fax 724-741-1553



**MSA G1 SCBA**

**MSA**  
*The Safety Company*



**WHEN YOU GO IN, WE GO IN WITH YOU.**



# Fire Service **Equipment**

## **Products for today that drive the future**

As your emergency responder duties expand, as well as your exposure to hazards, MSA continues to provide more emergency response products to exceed your expectations and requirements. MSA supports firefighters and recognizes your role as the front line of protecting others. We are constantly improving products that you have come to rely upon as the best in the industry, to make your job safer and easier. For your protection, you can count on MSA for the most technologically advanced products, and for the best support and training assistance.

## **We are committed to you**

Working closely with firefighters and rescue teams for over 100 years, MSA's premier focus continues to be the fire service for product innovations, improvements and service. From our Cairns® Fire Helmets, Evolution® Series Thermal Imaging Cameras and breakthrough ALTAIR® Gas Detectors, to the most advanced, safety driven breathing apparatus we've ever produced, the G1 SCBA, you can rely upon MSA to offer the very best in personal protective equipment. Your options in gas detection instruments and fall protection/rescue systems are more numerous and better than ever. Our MSA-U® Training Center online training tool provides in-depth product training with team-tracking capability that allows 24/7 instruction for your entire squad. And now Globe, the world's leading maker of innovative protective clothing for firefighters, is part of MSA. Equipping firefighters with the highest level of protection—head to toe, Cairns helmet to Globe boots—no one is as committed to your health and safety as we are.

## **Our people set us apart from the competition**

MSA's SCBA are manufactured at our award-winning Murrysville, PA facility. Whether your needs include the revolutionary G1 SCBA, an Evolution® TIC from our Cranberry, PA plant or a Cairns® Helmet made in Jacksonville, NC, you can be sure that each of them has been made with the dedicated care and skill of an MSA associate whose average time on the job of 18 years means consistent quality, time after time.

## **Assistance is everywhere**

Your personalized service starts locally with your trained MSA-authorized distributor and MSA's fire service field sales managers. To locate your nearest MSA fire service distributor, or find an answer to an urgent technical question, our award-winning, dedicated team of customer service professionals is ready to help, as they understand your hazards as well as regulatory compliance. Contact them at 1-877-MSA-FIRE or visit us at [www.MSAFIRE.com](http://www.MSAFIRE.com).





# FIND THE HOT SPOTS. AND THE HEARTBEATS.

*MSA provides personal thermal imaging to every firefighter—from 360 to rescue; egress to overhaul.*

## The FIRST and ONLY TIC Integrated Directly into the SCBA

- No additional bulky equipment added to your facepiece or hanging from your gear
- Compatible with all G1 SCBA via simple field upgrade
- Powered by the G1 SCBA's single integrated power source—never check multiple battery locations again
- Single button functionality allows for simple, intuitive use

### Take Advantage of the Latest Technology

- Lightweight—only adds 4.2 oz. compared to standard MSA G1 Control Module
- Up to five user-selectable palettes—10+ additional palettes available via MSA A2 Software
- 220 x 176 resolution ensures crystal clear images
- Compliant to the 2018 version of the NFPA 1981 and 1982 standards
- A full five-year warranty on thermal imager—Additional 15 years extended warranties available



# The MSA G1 SCBA stands out from the crowd.

## 1. FACEPIECE

- Open port design with cross-contamination protection
- Comfortable and easy to use, with low breathing resistance on and off air
- Zero electronics, reducing weight, snag hazards and cost

## 2. CONTROL

- Integrated Thermal Imaging Camera (TIC) allows firefighter to see within dark, smoke-filled environments
- Five user-selectable palettes—10+ additional programmable palettes available via MSA A2 Software
- Compatible with all G1 SCBA via simple field upgrade
- Control module provides both color LCD and analog displays
- Display automatically turns on when control module is lifted into viewing position
- No matter which button is pressed, necessary information displays
- Improved visibility through buddy lights

## 3. SITUATIONAL AWARENESS

- Wide field of view through the G1 Facepiece
- Seven three-stage buddy lights providing 360-degree visibility of pressure status
- Highly reflective material on shoulder straps and cylinder band
- Optional integrated TIC provides visibility when it is needed most

## 4. INFORMATION

- HUD provides more information than ever before and can be customized to meet your SOP; cylinder pressure, battery status, evacuation (optional), and so much more

## 5. COMMUNICATIONS

- Loud and clear communications are included with every G1 SCBA
- Intelligently removes background and inhalation noise, helping your commands to be heard







#### 6. COMFORT

- Swiveling, adjustable lumbar pad properly positions SCBA weight
- Improved comfort, balance, fit

#### 7. MSA G1 5500 SCBA

Staying at the forefront of safety means constantly evolving to meet the ever-changing demands you face each day on the job. Helping meet these demands MSA's tried-and-trusted G1 SCBA now comes available in a 5500 psig operating system. The MSA G1 offers our lowest profile, most comfortable, streamlined, balanced and configurable SCBA with the lightest weight 5500 psi cylinders on the market today

#### 8. POWER

- Single power source
- Uses alkaline or rechargeable battery
- Eliminates the need to maintain multiple battery sizes or multiple battery locations
- Low cost of ownership

#### 9. READY FOR THE FUTURE

- Bluetooth connectivity, RFID, Near Field Communication (NFC), long-range radio
- Quickly update the G1 SCBA with the latest advancements through Bluetooth technology, ensuring the SCBA you buy today can easily adapt to meet your needs far into the future

#### 10. BUILT JUST FOR YOU

- Control module and HUD display required information; easily customized to meet your existing standard operating procedure
- Modular designs allows for quick component change

# MSA G1 SCBA Components

## About FACE.

The G1 Facepiece was designed without electronic components to minimize weight, reduce your stress and fatigue and improve your overall performance level. There are **no** electronic components on the outside of the facepiece that may result in snag and entanglement hazards. What's more, by eliminating costly electronic components, the price is reduced substantially, allowing personal-issue facepieces to be a cost-effective measure. Cross-contamination prevents the contamination of shared mask-mounted regulators. But MSA didn't stop there. The MSA G1 SCBA is also equipped with a speaking diaphragm to increase speech clarity while off air.

Taking the preferred features of the Ultra Elite Facepiece - Comfort, Field of View, Superior Communications, and Fit, we've taken the G1 Facepiece to the next level with an Open-Port that provides low breathing resistance in standby modes.

The G1 Facepiece can help you to conserve energy for when you need it most.



## Be Heard.

### Electronic Voice Amplification Shouldn't Be Optional.

Every MSA G1 SCBA is equipped with electronic voice amplification because high quality fireground communications shouldn't be optional. With patent-pending design, dual microphones integrated into the regulator eliminate the Darth Vader-like inhalation sound. This unique feature automatically activates and shuts down with the unit. Shoulder strap-mounted speaker module provides loud and clear communications from the regulator microphone while maintaining low profile to aid in reducing snag points. Every MSA G1 SCBA is equipped with this cutting edge technology.



## Designed to fit YOUR needs.

**Cutting edge technology.** The MSA G1 SCBA with Integrated TIC meets and exceeds your demands, providing more functionality and safety than ever before. G1 Control Module integrates TIC technology to eliminate the need to carry more gear while adding speed and effectiveness. The iTIC draws power from G1 Power Module—no separate battery is necessary. Module offers both analog and color digital LCD displays to make certain that your status is available at all times. Auto-start motion control mechanism built into the control module intuitively provides the information you need when you need it. Adding yet another layer to ease-of-use: no matter which button is pressed, your information displays.

**Highly configurable and customizable.** The MSA G1 SCBA's user-selectable configurations are an industry first: pressure, time remaining calculation, breathing time, temperature (the ability to set your own temperature alarm), and pressure drop (to alert you to leaks, either primary or secondary). What's more, the control module and HUD can be programmed to display information required by your particular specification. But best of all, electronics can be adjusted to YOUR needs. The MSA G1 SCBA provides the ability to configure this device to follow any standard operating procedure, with alarm settings, lights and information provided on the control module. The MSA G1 SCBA...designed for the flexibility you need!



## Heads up.

**Internal HUD display.** No facepiece electronics? It's not only possible, it's here. By placing electronics that power the heads up display within the regulator, MSA has effectively reduced weight, profile, pairing, and cross talk. The HUD is inside the facepiece, so external contaminants cannot block the view and vital displayed relayed information. This design means that you no longer have to buy HUDs for each facepiece, reducing costs and maintenance. By using revolutionary light pipes, the MSA G1 SCBA heads up display is clear and simple to understand; it's a HUD system made easy!



# MSA G1 SCBA Components

## Always in Demand.

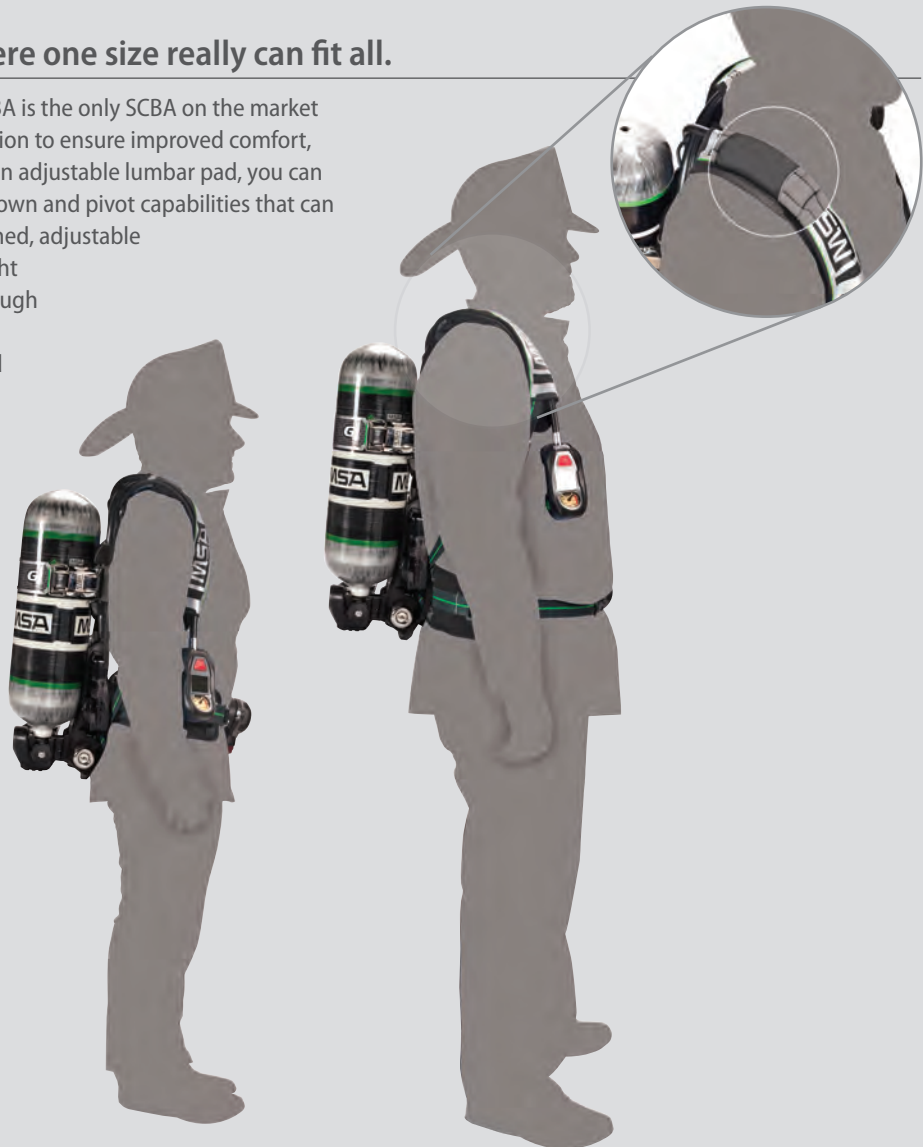
**G1 Mask-Mounted Regulator.** The G1 Regulator houses easy-to-operate heads up display and communications, yet is the smallest and lightest regulator available. The G1 Regulator has an optional purge cover that can be used to start air flow during emergency situations. The G1 Regulator can also be shut off and removed from the mask with one simple action!

The G1 Regulator is always in DEMAND!



## Finally, an SCBA where one size really can fit all.

**Ergonomics.** The MSA G1 SCBA is the only SCBA on the market that offers harness customization to ensure improved comfort, balance and fit. By providing an adjustable lumbar pad, you can have a tailored unit with up/down and pivot capabilities that can actually move with you. Widened, adjustable shoulder straps enhance weight distribution and comfort. Through use of interlocking shoulder straps and strategically-placed friction pads, the MSA G1 SCBA provides increased fit and stability while allowing for easy donning and doffing. The G1 Control Module, G1 Regulator and G1 Speaker Module can be configured on either shoulder, easily integrating into any standard operating procedure.



## The Power of One.

**Central Power System.** With only one centralized power source, you can use either alkaline or an industry-first rechargeable battery. As the ONLY manufacturer to offer rechargeable batteries, we've taken SCBA protection to a whole new level — finally, an SCBA that doesn't require multiple battery sizes! No need to manage battery types, compartments and change-outs, resulting in lower cost of ownership.



## Make a Connection.

**Pressure Reducer.** Designed to work with quick-connect or CGA threaded cylinders, there's a connection to meet your needs. Adding to this flexibility are available direct and remote quick-connect attachment options to enable effortless cylinder change-outs. Pressure reducer accessory ports allow for future upgrades, including the high pressure Quick-Fill® System. The MSA G1 SCBA is available in both quick-connect and threaded-connection options. With minimal parts, you can easily upgrade from one option to the other! All in all, this unit provides each user with many choices, all of which result in lower cost of ownership.

## When Air is Low, Seconds Matter.

**Universal Air Connection (UAC).** When air is low and you must access the UAC for emergency purposes, seconds matter. That's why MSA invented the patent-pending RIT light to shine a bright white LED on the UAC connection, making it easier to find and connect to a rescue air source. The primary UAC illuminates when end of service time indicator (EOSTI) reaches 35%.





# MSA G1 SCBA Integrated Technology for Future Expansion



## Find the Hot Spots. And the Heartbeats.

The MSA G1 SCBA with Integrated Thermal Imaging Camera provides EVERY firefighter with the ability to see within dark and smoke-filled environments, aiding in your operation's speed and effectiveness from the initial 360, to working the fire, overhaul and rescue. This sight is provided through a thermal imaging camera that is integrated into the G1 SCBA Control Module, eliminating the need to carry additional equipment and the concern of snag hazards.

- Compatible with all G1 SCBA via simple field upgrade
- Powered by the G1 SCBA single integrated power source – never check multiple batteries again
- Single button functionality allows for simple, intuitive use
- Lightweight - Adds only 4.2 oz. as compared to standard G1 Control Module
- Up to five user-selectable palettes
  - 10+ additional palettes available via MSA A2 Software
- 220 x 176 display ensures crystal clear images

## A Faster Responder

Conditions faced by firefighters on a daily basis have changed dramatically through the years. The MSA G1 SCBA is designed with technology to drive firefighting into the future. Use of Bluetooth, Radio-Frequency Identification (RFID), Near Field Communication (NFC), and long-range capability allows for fast and easy integration of current and future technologies, providing firefighters with the latest tools available to get their job done.

- MSA G1 SCBA Bluetooth module uses audio and data channels to communicate with Motorola APX and MSA ALTAIR 5X Detectors with PID. Use of the same Bluetooth connection lets users connect to the G1 SCBA via MSA A2 Software for custom configuration to your department's standard operating procedures.
- RFID reader/writer stores comprehensive tag information and enables pairing with Bluetooth devices. Incorporated Bluetooth provides data link capability for SCBA data log retrieval and electronics troubleshooting.
- Long-range radio communication provides incident command with specific personnel information through MSA A2 Software.



## MSA G1 5500 SCBA

Staying at the forefront of safety means constantly evolving to meet the ever-changing demands you face each day on the job. Helping meet these demands MSA's tried-and-trusted G1 SCBA now comes available in a 5500 psig operating system. The MSA G1 offers our lowest profile, most comfortable, streamlined, balanced and configurable SCBA with the lightest weight 5500 psi cylinders on the market today, providing its users:

- Reduced stress and fatigue
- Increased maneuverability in tight spaces, reducing your chance of getting snagged, improving your mobility, and keeping you safer in dangerous environments
- 30-, 45-, or 60-minute duration cylinders allows you to keep the same operating system, while reducing weight, profile, additional training time and overall expenses.



## MSA G1 SCBA Accessories

### MSA G1 SCBA Rechargeable Battery

MSA offers the first NIOSH-approved and NFPA-compliant SCBA platform to provide a rechargeable battery, eliminating the need for disposable replacement batteries. Portable and compact rapid charger can charge up to six batteries at once; batteries can reach full charge in just six hours.

- Reduced cost of ownership, never waste money on disposable batteries
- No need for multiple battery sizes in multiple locations
- Never waste time on alkaline battery replacement
- Single source powers entire SCBA
- Save 1/2 lb. when compared to alkaline battery pack
- Rapid charging with available smart charger

### Ordering Information

Part Number	Description
10148741-SP	MSA G1 Rechargeable Battery*
10158385	MSA G1 Smart Charger

\* Charger not included



## The Quick-Fill System

The Quick-Fill System lets MSA air mask users refill and transfill air cylinders\* while SCBA is worn, without removing the air cylinder—even in IDLH atmospheres. Use this MSA option to:

- Fill SCBA cylinder from a mobile compressor or cascade system in less than a minute.
- Transfill between two cylinders, providing emergency breathing system.\*
- Extend air supply over longer durations, using a remote compressed-air source.

Air masks compliant to recent NFPA standards have Quick-Fill System URC fitting located at the Audi-Larm Audible Alarm warning device. Quick-Fill System hose with quick-disconnect connects air source to adapter for air transfer. See Bulletin 0105-92-MC for a Quick-Fill System Q&A.



### Ordering Information

<b>QUICK-FILL SYSTEM REPLACEMENT</b>	10156465	Waist-mounted Quick-Fill System for MSA G1 SCBA
	10156467	Replacement Quick-Fill System pouch for MSA G1 SCBA
	10156468	3-ft. Quick-Fill System hose in pouch for MSA G1 SCBA

	25-ft.	12-ft.	10-ft.	8-ft.	6-ft.	3-ft.	
<b>QUICK-FILL SYSTEM HOSES</b>	485332	802690	802689	802688	802687	485331	FQD x FQD *
	487907	802677	802675	802673	802671	492796	FQD x CGA-347 outlet
	487909	802685	802683	802681	802679	487427	FQD x CGA-347 CN
	487906	802704	802703	802702	802701	802705	FQD x SAE-4
	487908	802678	802676	802674	802672	492797	FQD x CGA-346 outlet
	487910	802686	802684	802682	802680	487428	FQD x CGA-346 CN

\* SCBA to SCBA Transfilling is not available with the 5500 psig operating system 25-ft. lengths are stocked; other custom lengths are available on special material basis. All SAE fittings are for high-pressure service. Female quick-disconnect fittings have dust covers.

## MSA G1 ExtendAire™ II System

MSA G1 ExtendAire II System is a Universal Emergency Breathing Supply System (UEBSS) accessory that uses intermediate-pressure air to provide firefighters with emergency breathing air by allowing firefighters to quickly and easily interconnect to fellow firefighter's air supply. System integrates into G1 SCBA, providing unrestricted mobility and easy access during emergency situations. Locking quick-connects with integrated check valve prevent contamination of breathing air pathway by ambient atmosphere.

G1 ExtendAire II System features integrated rescue hose and manifold assembly that uses both male and female quick-connect fittings, and stows in low-profile pouch that mounts on carrier assembly.

G1 ExtendAire II System is NIOSH-approved and NFPA 1981-2018 edition-compliant.



### Ordering Information

<b>EXTENDAIRE II SYSTEM</b>	10205767	ExtendAire II System Conversion Kit for G1 SCBA, UEBSS, 2018 ed.
	10203820	Replacement pouch for G1 ExtendAire II System, UEBSS, 2018 ed.
	10156464	ExtendAire II System Conversion Kit for G1 SCBA, 2013 ed.
	10156466-SP	Replacement pouch for G1 ExtendAire II System, 2013 ed.

## MSA G1 RIT Systems

The G1 RIT System has everything needed for RIT response. Internal pneumatics include G1 RIT System quick-connect pressure reducer that mounts directly onto user-supplied SCBA cylinder. Available in 2216, 4500, and 5500 psi operating pressures, cylinders are sold separately.

G1 RIT System includes:

- Six-foot high pressure supply line that terminates with female Quick-Fill System fitting.

- Six-foot intermediate pressure supply line that terminates with ExtendAire II System manifold assembly.
- Quick-connect second-stage G1 MMR.
- Remote external gauge for easy cylinder pressure readings.
- Medium size G1 Facepiece with four-point Speed-ON® Head Harness.
- URC fitting on G1 RIT System pressure reducer that allows for interconnection of G1 RIT Systems.

## Ordering Information

Part Numbers	Operating Pressure	Description
10206310	2216	G1 RIT System, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (UEBSS, 2018 ed.), remote gauge, URC, Quick-Connect
10169710	2216	G1 RIT System, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (2013 ed.), remote gauge, URC, Quick-Connect
10206311	4500	G1 RIT System, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (UEBSS, 2018 ed.), remote gauge, URC, Thread Connect
10206313	4500	G1 RIT System, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (UEBSS, 2018 ed.), remote gauge, URC, Quick-Connect
10169711	4500	G1 RIT System, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (2013 ed.), remote gauge, URC, Quick-Connect
10192465	4500	G1 RIT System, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (2013 ed.), remote gauge, URC, Thread Connect
10206312	5500	G1 RIT System, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (UEBSS, 2018 ed.), remote gauge, URC, Quick-Connect
10197179	5500	G1 RIT System, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (2013 ed.), remote gauge, URC, Quick-Connect

Note: This RIT system does NOT include cylinder. Please see cylinder ordering information.

## G1 RescueAire® II System

The MSA G1 RescueAire II System for Rapid Intervention Teams (RITs) provides firefighters with emergency breathing air, including air supply to trapped firefighters wearing SCBA with compatible system(s). Built for extreme fire service conditions, G1 RescueAire II System offers two operating pressures, 2216 and 4500 psi. Optional-use shoulder strap provides hands-free carrying.

System incorporates G1 Regulator; RIT teams can provide air to downed firefighter wearing G1 Facepiece. G1 Regulator connects directly to G1 Facepiece for maximum rescue capability, supported by flame and heat-resistant carrying harness of Nomex and Kevlar materials.

G1 RescueAire II System includes:

- SuperLite® Cylinder
- 36" Quick-Fill System EBS Connection
- ExtendAire System EBS Connection
- G1 PR-14 Pressure Reducer
- G1 Regulator
- Carrying harness with adjustable shoulder strap
- Audi-Larm™ Audible Alarm low pressure warning device



## Ordering Information

Part Numbers	Description
10161130	RescueAire II System, 4500, 60-Min Cylinder
10161142	RescueAire II System, 4500, Less Cylinder
10161141	RescueAire II System, 2216, 30-Min Cylinder
10161143	RescueAire II System, 2216, Less Cylinder







## MSA A2 Monitoring Software

MSA A2 Software offers the ability to customize your SCBA to meet your SOP, analyze use data and reliably enhance firefighter safety and accountability on the fire scene. Software monitors firefighter status remotely from incident command. In-depth reporting capabilities include data log search for incident reports by date and/or alarm type; reports can be exported, filtered, printed, and more. Users can also retrieve event logs for any recorded incidents.

- Software provides the ability to configure alarm, control module, accountability, speaker module, and HUD settings.
- MSA G1 SCBA stores 25 hours-of-use data; MSA A2 Software allows viewing of incident date, duration, air used, alarm status, and more.
- Tag creation allows G1 SCBA customization to meet your needs and track the location of each component. Incident event logs include date, time, duration, incident number, dispatch center number, firefighter name, firefighter team, PASS device serial number, time firefighter went on-air, any event recorded, and pressure remaining when event occurred.









## MSA Rescue Belt II System for MSA G1 SCBA

MSA's innovative device for emergency egress, the Rescue Belt II System for the G1 SCBA, is an integrated personal escape system that allows firefighters to rappel to safety should they become trapped in a building's upper level. G1 Rescue Belt II System is NFPA 1983-certified for use as a personal escape system for emergency escape when installed on MSA-approved air masks. Device can also be used as a standalone product when not installed on an air mask. The Rescue Belt II System can be ordered as an MSA G1 SCBA option or as an individually-sold component for upgrade of your existing MSA G1 SCBA.

### Key Features

- Ergonomically-contoured Ara-Shield rescue belt pouch stores:
- 50-ft. FireTech 32 rescue rope.
- Auto-locking Sterling F4 Descender.
- Choice of Crosby, Lightning, Lightning GT hook, or carabiner.



Rope	Connectors			
				
	<b>Crosby hook</b>	<b>Carabiner</b>	<b>Lightning hook</b>	<b>Lightning GT hook</b>
	10173088	10173089	10173090	10173101
	10173102	10173103	10173104	10173105

# MSA G1 SCBA **Cylinders**

## MSA G1 SCBA Cylinders for Threaded Remote Connection

Cylinder Pressure	Cylinder Duration	Connection Type	Air	Less Air
2216 psig	30-minute	Threaded	10156422-SP	10156431-SP
4500 psig	30-minute	Threaded	10156423-SP	10156432-SP
4500 psig	45-minute LP <sup>1</sup>	Threaded	10156424-SP	10156433-SP
4500 psig	45-minute	Threaded	10156425-SP	10156434-SP
4500 psig	60-minute	Threaded	10156426-SP	10156435-SP
5500 psig	30-minute	Threaded	10185508	10185602
5500 psig	45-minute	Threaded	10185509	10185603
5500 psig	60-minute	Threaded	10185510	10185604

<sup>1</sup>Low profile version of the 45-minute, 4500 psig cylinder



Threaded remote connection

## MSA G1 SCBA Cylinders for Quick-Connect Remote Connection

Cylinder Pressure	Cylinder Duration	Connection Type	Air	Less Air
2216 psig	30-minute	Quick-connect	10175706	10175711
4500 psig	30-minute	Quick-connect	10175707	10175712
4500 psig	45-minute LP <sup>2</sup>	Quick-connect	10175708	10175713
4500 psig	45-minute	Quick-connect	10175709	10175714
4500 psig	60-minute	Quick-connect	10175710	10175715
5500 psig	30-minute	Quick-connect	10181628	10181708
5500 psig	45-minute	Quick-connect	10181629	10181709
5500 psig	60-minute	Quick-connect	10181630	10181710

<sup>2</sup>Low profile version of the 45-minute, 4500 psig cylinder

PLEASE NOTE: Quick-connect cylinder adapter must be ordered for each cylinder separately.



Quick-connect remote connection

## MSA G1 SCBA Accessories

Part Number	Description
10148740-SP	Replacement alkaline battery pack
10148741-SP	Replacement rechargeable battery pack
10158385	Rechargeable battery charging station
10149701-SP	Quick-connect adapter for 2216 psig cylinders
10149702-SP	Quick-connect adapter for 4500/5500 psig cylinders
10158389	Retainer Kit for H-30 carbon (807587) 4500 psig (Type 2 - dovetail)
10158390	Retainer Kit for H-45 LP carbon (10035644) 4500 psig (Type 3 - dovetail)
10158401	Retainer Kit for L-30 carbon (807586) 2216 psig (Type 4 - dovetail)
10162403	Quick-connect adapter for fill station

Part Number	Description
10158401	Retainer Kit for H-45 carbon (807570) 4500 psig (Type 4 - dovetail)
10158402	Retainer Kit for H-60 carbon (807588) 4500 psig (Type 5 - dovetail)
10158408	Quick-connect adapter for fill station
10164940	G1 Custom Tool Kit
10083875	RFID Tag
10158407	RFID reader/writer (primary use with A2)
10186214	RFID read only (primary use with AIMS)
10175010-SP	G1 Control Module w/ Integrated TIC upgrade kit - 2216 psig
10175021-SP	G1 Control Module w/ Integrated TIC upgrade kit - 4500/5500 psig
10183992	Kit, Protective Cap & Boot for 30 min cylinder
10183993	Kit, Protective Cap & Boot for 45 min LP cylinder

## MSA G1 SCBA Facepieces

Part Number	Type	Size	Nosecup Size	Head Harness	ATO Configuration
10156458	Fire service	Small	Small	4-pt. adjustable	G1FP-F-S-1-S-4-0-1
10156459	Fire service	Medium	Medium	4-pt. adjustable	G1FP-F-M-1-M-4-0-1
10156460	Fire service	Large	Large	4-pt. adjustable	G1FP-F-L-1-L-4-0-1
10156461	Fire service	Small	Small	Rubber	G1FP-F-S-1-S-R-0-1
10156462	Fire service	Medium	Medium	Rubber	G1FP-F-M-1-M-R-0-1
10156463	Fire service	Large	Large	Rubber	G1FP-F-L-1-L-R-0-1
10161812	Fire service	Small	Small	5-pt. adjustable	G1FP-F-S-1-S-5-0-1
10161813	Fire service	Medium	Medium	5-pt. adjustable	G1FP-F-M-1-M-5-0-1
10161814	Fire service	Large	Large	5-pt. adjustable	G1FP-F-L-1-L-5-0-1

## MSA SCBA Facepiece Accessories

Part Number	Description
496081	PAPR Type H filter cartridge (6-pk.)
10042346	PAPR Type H filter cartridge (20-pk.)
10067469	P100/OV canister (1-pk.)
10094315	P100/OV canister (12-pk.)
10144230	Spectacle Kit for G1 Facepiece
10152979	Riot control P100/CN/CS canister (1-pk.)
10160594	Multigas GME/CS/CN/P100 cartridge (1-pk.)
805078	Quik Chek® Fit Test Adapter

Part Number	Description
10144220-SP	Replacement cloth neck strap
10159699-SP	Replacement rubber neck strap
10144231-SP	APR filter adapter assembly
10189322	G1 CBRN Nosecup, Large
10189323	G1 CBRN Nosecup, Medium/Small
10046570	CBRN Canister
10144230	G1 Spectacle Kit

## Assemble-To-Order System for MSA G1 SCBA Facepiece

A	B	C	D	E	F	G
Application	Size	Material	Nosecup	Head Harness	Neckstrap	Regulator Connection
<b>F</b> Fire	<b>S</b> Small <b>M</b> Medium <b>L</b> Large	<b>1</b> Hycar	<b>0</b> None <b>S</b> Small <b>M</b> Medium <b>L</b> Large	<b>0</b> None <b>4</b> 4-pt. adjustable <b>5</b> 5-pt. adjustable <b>R</b> Rubber	<b>0</b> None <b>C</b> Cloth <b>R</b> Rubber	<b>1</b> Fixed push-to-connect

Note: Part numbered facepieces are also available.

Column:    A    B    C    D    E    F    G

A-G1FP    **F**        **1**                **1**   

PART NUMBERS (BOLD LEFT HAND COLUMNS)                      QUANTITY

# MSA G1 SCBA Assemble-To-Order-System

A	B	C	D	E	F
System Pressure	Cylinder Connection	Harness	Cradle Type	Lumbar Type	Regulator Type
<p>2 2216 psig</p> <p>4 4500 psig</p> <p>5 5500 psig ♦</p>	<p>2 CGA Threaded Remote Connection</p> <p>4 CGA Quick Connect Remote Connection</p>	<p>1 Standard without Chest Strap</p> <p>2 Standard with Chest Strap</p> <p>3 Serviceable Tunnel without Chest Strap</p> <p>4 Serviceable Tunnel with Chest Strap</p> <p>9 Serviceable Tunnel without Chest Strap No PASS</p> <p>10 Serviceable Tunnel with Chest Strap No PASS</p>	<p>M Metal Band</p>	<p>A Adjustable Swiveling Lumbar Pad</p> <p>B Basic</p> <p>C Basic, Solid buckle</p> <p>D Adjustable Swiveling, Solid buckle</p> <p>E Adjustable Swiveling, Berry Compliant, Solid buckle</p> <p>1 Rescue Belt II Hook, 50'</p> <p>2 Rescue Belt II Carabiner, 50'</p> <p>3 Rescue Belt II 50' FireTech Rope, Hook</p> <p>4 Rescue Belt II, 50' FireTech Rope, Carabiner</p> <p>5 Rescue Belt II, Lightning Hook, 50' FireTech Rope</p> <p>6 Rescue Belt II, Lightning Hook, 50' Aramid/ Nylon Rope</p> <p>Rescue Belt II, Lightning GT Hook, 50' FireTech Rope</p> <p>Rescue Belt II Lightning GT Hook, 50' Aramid/ Nylon Rope</p> <p>8 50' Aramid/ Nylon Rope</p>	<p>1 Purge cover Left Shoulder †</p> <p>2 Solid cover Left Shoulder †</p>

♦ SCBA to SCBA Transfilling is not available with the 5500psig operating system

† As Worn

\* Charger sold separately

# Can only be combined with Harness option 9 or 10

Column:    A    B    C    D    E    F    G    H    J    K    L

A-G1FS                                 

PART NUMBERS (BOLD LEFT HAND COLUMNS)

QUANTITY

G	H	J	K	L
Regulator Hose Type	Emergency Breathing Support	Speaker Module	PASS	Battery Type
<p><b>C</b> Continuous</p> <p><b>Q</b> Quick Connect</p>	<p><b>0</b> None</p> <p><b>1</b> Waist Mounted Quick-Fill ♦</p> <p><b>2</b> ExtendAire II</p> <p><b>3</b> Waist Mounted Quick-Fill and ExtendAire II ♦</p> <p><b>4</b> Hose and pouch</p> <p><b>5</b> Waist-mounted Quick-Fill w/hose and pouch♦</p> <p><b>6</b> ExtendAire II w/ hose and pouch</p> <p><b>7</b> Waist-mounted Quick-Fill w/hose and pouch, ExtendAire II ♦</p> <p><b>A</b> Pouch only</p>	<p><b>L</b> Left Chest †</p>	<p><b>A</b> PASS Right Shoulder †</p> <p><b>C</b> PASS Telemetry Right Shoulder †</p> <p><b>E</b> PASS Right Shoulder w/ Integrated TIC †</p> <p><b>G</b> PASS Telemetry Right Shoulder w/Integrated TIC †</p> <p>No PASS Right Shoulder †#</p> <p><b>H</b> No PASS Telemetry Right Shoulder †#</p> <p><b>J</b> No PASS Right Shoulder w/ Integrated TIC †#</p> <p><b>K</b> No PASS Telemetry Right Shoulder w/ Integrated TIC †#</p> <p><b>L</b> No PASS Telemetry Right Shoulder w/ Integrated TIC †#</p>	<p><b>A</b> Alkaline</p> <p><b>R</b> Rechargeable *</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><i>If Telemetry is ordered R must be selected.</i></p> </div>



# MSA—The Safety Company

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*Our business is safety. We've been the world's leading manufacturer of high-quality safety products since 1914. MSA products may be simple to use and maintain, but they're also highly sophisticated devices and protective gear — the result of countless R&D hours, relentless testing, and an unwavering commitment to quality that saves lives and protects millions of men and women each and every day. Many of our most popular products integrate multiple combinations of electronics, mechanical systems and advanced materials to ensure that users around the world remain protected in even the most hazardous of situations.*

## Our **Mission**

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MSA's mission is to see to it that men and women may work in safety and that they, their families, and their communities may live in health throughout the world.

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Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice.

MSA operates in over 40 countries worldwide. To find an MSA office near you, please visit [MSAsafety.com/offices](https://www.MSA.com/offices).



## MSA G1 PremAire Cadet Escape

The MSA G1 PremAire® Cadet Escape Respirator is a combination supplied-air respirator that is used for entry into or escape from hazardous, confined space or immediately dangerous to life or health atmospheres.



**WHEN YOU GO IN, WE GO IN WITH YOU.**



# MSA G1 PremAire Cadet Escape

Introducing the latest addition to the G1 Series, the G1 PremAire Cadet Escape. This combination supplied-air-respirator with escape cylinder offers a streamlined, lightweight design and incorporates one of the most technologically advanced, lightest and lowest profile facepieces on the market today.

## G1 PremAire Cadet Escape Respirator features include:

- One-piece cylinder valve and first-stage regulator that incorporates downstream design to reduce moisture build up and dual springs for maximum reliability.
- Low-profile escape cylinders that can be worn on either right or left hip, making movements easier in tight spaces.
- Shoulder support strap that incorporates hose keeper; regulator hose stays close to body to reduce snagging.
- Escape cylinders rated at 5-, 10- and 15-minutes.
- Pressure gauge recessed into valve housing that protects gauge and reduces size and profile.
- Two harness materials: standard nylon for chemical resistance and Kevlar for high heat environments or those with spark potential.
- A regulator that provides bypass and purge cover.
- NIOSH approval as combination supplied-air respirator and self-contained breathing apparatus.
- Low-profile, open-port facepiece design with cross-contamination protection.
- No electronics in the facepiece means lighter weight and less complexity.



## Assemble-To-Order System for MSA G1 PremAire Cadet Escape Respirator

A	B	C	D	E	F	G	H
Type	Carrier & Harness Type	Pad Option	Escape Cylinder	MMR Regulator	G1 Facepiece	Quick Disconnect	Case
<b>PCG</b> PremAire Cadet Escape G1	1 Nylon, strap carrier, standard 2 Kevlar, strap carrier, standard 3 Nylon, bag carrier, standard 4 Kevlar, bag carrier, standard  Aluminum escape cylinders are not compatible with bag carriers.	0 None 1 Shoulder	A 5-minute aluminum B 10-minute aluminum C 5-minute carbon D 10-minute carbon E 15-minute carbon F 5-minute aluminum, less air G 10-minute aluminum, less air H 5-minute carbon, less air J 10-minute carbon, less air K 15-minute carbon, less air	A G1 Regulator, purge cover	1 None 2 G1 Facepiece with 4-pt adjustable head harness, medium* 3 G1 Facepiece with 5-pt adjustable head harness, medium* 4 G1 Facepiece with rubber head harness, medium*  <i>If desired facepiece is not available here, choose "None" and select from the G1 Facepiece ATO.</i>	0 None A Snap-Tite, aluminum B Snap-Tite, stainless steel C Snap-Tite, brass D Hansen, stainless steel E Hansen, brass F Foster, steel G Foster, stainless steel H Foster, brass J Snap-Tite, locking, aluminum K Snap-Tite, locking, stainless steel M Snap-Tite, locking, brass N Foster, locking, stainless steel P Cejin, locking	0 None 1 Hard plastic case

\* Facepiece includes nosecup, but does not include neckstrap.

Column: A B C D E F G H

A **PCG**

PART NUMBER QUANTITY

## Assemble-To-Order System for MSA G1 SCBA Facepiece

A	B	C	D	E	F	G
Application	Size	Material	Nosecup	Head Harness	Neckstrap	Regulator Connection
<b>F</b> Fire	<b>S</b> Small <b>M</b> Medium <b>L</b> Large	<b>1</b> Hycar	0 None <b>S</b> Small <b>M</b> Medium <b>L</b> Large	0 None <b>4</b> 4-pt adjustable <b>5</b> 5-pt adjustable <b>R</b> Rubber	0 None <b>C</b> Cloth <b>R</b> Rubber	<b>1</b> Fixed Push-to-Connect

NOTE: Part number facepieces are also available.

Column: A B C D E F G

G1FP **F**   **1**     **1**

PART NUMBERS (BOLD LEFT HAND COLUMNS) QUANTITY



# MSA G1 SCBA Facepieces and Accessories



The new G1 Facepiece is not only lightweight and compact with overall low profile design, it's comfortable and built to last. After listening to your concerns, MSA designed the MSA G1 Facepiece to include:

- Wide field of view, 86%.
- Comfortable, robust seal geometry to help ensure secure seal every time you don the respirator.
- An open port to provide low breathing resistance, both on- and off-air.
- A speaking diaphragm, providing industry-leading voice clarity while off-air.
- Cross-contamination prevention to reduce spread of illness when facepieces are shared.

## MSA G1 SCBA Facepieces

Part Number	Type	Size	Nosecup Size	Head Harness	ATO Configuration
10156458	Fire service	Small	Small	4-pt adjustable	G1FP-F-S-1-S-4-0-1
10156459	Fire service	Medium	Medium	4-pt adjustable	G1FP-F-M-1-M-4-0-1
10156460	Fire service	Large	Large	4-pt adjustable	G1FP-F-L-1-L-4-0-1
10156461	Fire service	Small	Small	Rubber	G1FP-F-S-1-S-R-0-1
10156462	Fire service	Medium	Medium	Rubber	G1FP-F-M-1-M-R-0-1
10156463	Fire service	Large	Large	Rubber	G1FP-F-L-1-L-R-0-1

## MSA G1 SCBA Facepiece Accessories

Part Number	Description
10144230	Spectacle Kit for G1 Facepiece
10144220	Replacement cloth neck strap
10159699	Replacement rubber neck strap
10144231	Filter adapter assembly
805078	Quik Chek® Adapter

Note: This bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.

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# MSA G1 PAPR

Powered Air-Purifying Respirator



With its industry-leading motor-blower and constantly filtered air flow, the belt-mounted G1 CBRN PAPR is ideal for first responders, military and special operations personnel who require non-IDLH respiratory protection for extended durations of time. The G1 PAPR offers three proprietary cartridges designed for CBRN, particulate, and poisonous gases/vapors. The constant air flow of the unit helps users stay physically alert and focused, while also preventing fogging inside the facepiece. The batteries can be “hot-swapped,” and the blower’s EMI shield ensures that there is no interference with radio communications. Key benefits of the G1 PAPR include:

- Constant filtered air flow, reducing fatigue and preventing facepiece fogging
- Non-IDLH respiratory protection for 8 hours (LiSO<sub>2</sub>) or 4 hours (NiMH)
- Compatible with existing fleet of MSA CBRN PAPRs, just add a G1 Facepiece, choice of breathing tube, and G1 APR Single Port Adapter

## Ordering Information

MSA G1 PAPR KITS	
Part No.	Description
10204811	G1 PAPR Kit, 30-inch breathing tube, LiSO <sub>2</sub> battery, adapter
10204812	G1 PAPR Kit, 36-inch breathing tube, LiSO <sub>2</sub> battery, adapter
10204813	G1 PAPR Kit, 30-inch breathing tube, NiMH battery, adapter
10204814	G1 PAPR Kit, 36-inch breathing tube, NiMH battery, adapter
10204815	G1 PAPR Kit, 30-inch breathing tube, LiSO <sub>2</sub> battery
10204816	G1 PAPR Kit, 36-inch breathing tube, LiSO <sub>2</sub> battery
10204817	G1 PAPR Kit, 30-inch breathing tube, NiMH battery
10204818	G1 PAPR Kit, 36-inch breathing tube, NiMH battery
10193956	Breathing tube, 30-inch, G1 PAPR
10193957	Breathing tube, 36-inch, G1 PAPR
10144231-SP	G1 APR Single Port Adapter

### Notes:

- The G1 Facepiece is not included in any of the G1 PAPR Kits and must be ordered separately.
- NiMH Battery run time is 4 hours and is rechargeable.
- LiSO<sub>2</sub> Battery run time is 8 hours and is single use only.
- The G1 PAPR Kits do not come with Cartridges and must be ordered separately.
- If you currently own a G1 Facepiece and G1 APR Single Adapter, please choose kits 10204815, 10204816, 10204817, or 10204818.

ACCESSORIES FOR G1 PAPR	
Part No.	Description
B-20040-001	NiMH Rechargeable Kit (2 NiMH Batteries, Charger & Cap) 4-hour run time
S-20036	NiMH Rechargeable Battery Pack (4-hour run time)
B-20090-001	NiMH Rapid Battery Charger
M-20020	LiSO <sub>2</sub> Battery (8 hour single use)
B-30060-001	NiMH Rechargeable Battery Cap Assembly
S-30019	Web Belt Assembly
B-10079-001	PAPR Carrying Case

CARTRIDGES	
Part No.	Description
10046570	CBRN canister, each
496081	OptiFilter XL cartridge, 6 pack
10072237	PAPR GME Multigas HE cartridge, each

FACEPIECE ASSEMBLIES	
Part No.	Description
10156458	G1 Facepiece, Fire Service, 4-pt, SMALL, without neckstrap
10156459	G1 Facepiece, Fire Service, 4-pt, MEDIUM, without neckstrap
10156460	G1 Facepiece, Fire Service, 4-pt, LARGE, without neckstrap

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice.

MSA operates in over 40 countries worldwide. To find an MSA office near you, please visit [MSAsafety.com/offices](https://www.MSA.com/offices).



# VOGELPOHL FIRE EQUIPMENT

2770 Circleport Drive Erlanger, KY 41018  
www.vogelpohlfire.com

**Quote #:** Q004901  
**Date:** Aug 04, 2022  
**Expiration:**  
**Contact:** Todd Vogelpohl  
**Cell:** 513-659-8789  
**Email:** toddv@vogelpohlfire.com

## ISSUED TO

Joey Harris  
Lexington Fire Dept  
219 East 3rd Street  
Lexington KY 40508

Qty	Description	Payment Terms	Freight	Each	Extended
		Net Due in 15 Days	Not Included		
	The following items are detailed description of our proposal for your optional and ancillary equipment section.			\$ .00	\$ .00
360	Add Telemetry to each SCBA			\$317.00	\$114,120.00
1	10197700: MSA HUB For Telemetry			\$2,970.00	\$2,970.00
1	10158407: MSA Tag Reader/Writer			\$583.00	\$583.00
1	10083875: MSA Tag Assemblies			\$34.00	\$34.00
30	10204814: MSA G1 PAPR Kit with 36" breathing tube, NIMH Battery			\$1,624.00	\$48,720.00
15	B-20040-001: MSA Battery Charger Kit for PAPR			\$658.00	\$9,870.00
30	10144231-SP: MSA Single Port APR Adapter for G1 Facepiece			\$78.00	\$2,340.00
4	MSA #A-PSG-21EA1E0 Premaire Cadet System with 15 minute escape cylinder			\$1,435.00	\$5,740.00
60	10199720: MSA Dual Port APR Adapter for G1 Facepieces			\$76.00	\$4,560.00
1	10110435: MSA SCBA Test Software, POSI 3 USB			\$905.00	\$905.00
40	10181022: MSA G1 Soft Goods Kit, Swivel Lumbar, 4PT Harn			\$745.00	\$29,800.00

Thank you for the opportunity to provide you with this proposal.

# QUOTE



## VOGELPOHL FIRE EQUIPMENT

2770 Circleport Drive Erlanger, KY 41018  
www.vogelpohlfire.com

**Quote #:** Q004893  
**Date:** Aug 04, 2022  
**Expiration:**  
**Contact:** Todd Vogelwohl  
**Cell:** 513-659-8789  
**Email:** toddv@vogelpohlfire.com

### ISSUED TO

Joey Harris  
Lexington Fire Dept  
219 East 3rd Street  
Lexington KY 40508

Qty	Description	Payment Terms	Freight	Each	Extended
		Net Due in 15 Days	Not Included		
360	MSA #A-G1FS423MD2C2LAR G1 SCBA Carrier; 4500psi, Adjustable Swiveling Lumbar Pad, Universal Extendaire II, Rechargeable Battery			\$5,235.00	\$1,884,600.00
740	10156423-SP: MSA Low Profile 30-Minute, 4500-PSI Cylinder			\$711.00	\$526,140.00
85	10156425-SP: MSA Low Profile 45-Minute, 4500-PSI Cylinder			\$865.00	\$73,525.00
20	10156426-SP: MSA Low Profile 60-Minute, 4500-PSI Cylinder			\$1,061.00	\$21,220.00
660	10156459: MSA Medium Facepiece w/ Nosecup and 4 Point Adjustable Kevlar Head Harness			\$278.00	\$183,480.00
27	10158385: MSA 6 Bank Charging Station for Batteries			\$625.00	\$16,875.00
162	10148741-SP: MSA Spare Battery Pack, G1, Rechargeable			\$323.00	\$52,326.00
10	10206311: MSA G1 RIT System, 4500, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (UEBSS, 2018 Ed.), Remote Gauge, URC, True North Bag			\$3,527.00	\$35,270.00
6	10208607: MSA G1 Regulator, Non elek, Univ, Purge, QA, CBRN, SP for use in towers. Also includes #10188838 adapter			\$932.00	\$5,592.00
12	MSA CARE Training for SCBA Techs			\$0.00	\$0.00
					<b>\$2,799,028.00</b>

Thank you for the opportunity to provide you with this proposal.