LEXINGTON

Lexington-Fayette Urban County Government

Lexington, Kentucky
Horse Capital of the World

Division of Procurement

Date of Issue: March 31, 2025

INVITATION TO BID # 50-2025 Heavy Duty Rescue Tools

Bid Opening Date: **April 14, 2025** **Bid Opening Time: 10:00 AM**
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 **04/14/2025**. 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, Kentucky.

Check One:	**Proposed Delivery:**
X Bid Specifications Met _____ Exceptions to Bid Specifications. *Exceptions shall be itemized and attached to bid proposal submitted.*	90 days after acceptance of bid.
Procurement Card Usage—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? X Yes _____ No	

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

ERLANGER, KY 41018
City, State & Zip

Bid must be signed: T Vog Jr - PRESIDENT
Signature of Authorized Company Representative – Title

TODD VOGELPOHL
Representative's Name (Typed or printed)

859-282-1000
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 Procurement 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. T Vog

STATE OF KENTUCKY

COUNTY OF BOONE

The foregoing instrument was subscribed, sworn to and acknowledged before me by TODD VOGELPOHL on this the 9 day of APRIL, 2025.

My Commission expires: 1/24/27

NOTARY PUBLIC, STATE AT LARGE

DAVID MCCLANAHAN
Notary Public
Commonwealth of Kentucky
Commission Number KYNP61367
My Commission Expires Jan 24, 2027

Please refer to Section II. Bid Conditions, Item "U" prior to completing this form.

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**). 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.Greenseal.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**_____

D. COOPERATIVE CONTRACT

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 government entities if requested?

Yes ✓ **No**_____

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 Procurement may permit the withdrawal of a bid. The decision as to whether a bid may be withdrawn shall be that of the Division of Procurement.

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 Procurement. 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 Procurement 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 Procurement or (2) submitting a written request for a meeting with the Director of Procurement 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 Procurement 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 Procurement 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 Procurement or (2) submitting a written request for a meeting with the Director of Procurement 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 Procurement 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 Procurement.

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: T*he 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

VOGELPOHL FIRE EQUIPMENT

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

4-9-25
Date

WORKFORCE ANALYSIS FORM

Name of Organization: VOGELPOHL FIRE EQUIPMENT

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	11	11															
Superintendents																	
Supervisors	1	1															
Foremen	1	1															
Technicians	8	8															
Protective Service																	
Para-Professionals																	
Office/Clerical	2	1	1														
Skilled Craft																	
Service/Maintenance																	
Total:	26	25	1														

Prepared by: TODD VOGELPOHL PRESIDENT **Date:** 4 / 9 / 25

(Name and Title)

Revised 2015-Dec-15

DIRECTOR, DIVISION OF PROCUREMENT
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 a Certified Minority and Women Business Enterprise seventeen percent (17%) minimum goal including minimum subgoals of five percent (5%) for Minority Business Enterprises (MBE) and a subgoal of twelve percent (12%) for Women Business Enterprises (WBE); a three (3%) minimum goal for Certified Veteran-Owned Small Businesses and/or Certified Service- Disabled Veteran Owned Businesses; and a goal of utilizing Disadvantaged Business Enterprises (DBE), where applicable, for government contracts.

For assistance in locating certified DBEs, MBEs, WBEs, VOSBs and/or VOSBs, contact Sherita Miller at 859/258-3320 or by writing the address listed below:

Sherita Miller, MPA, CPSD
Minority Business Enterprise Liaison
Division of Procurement
Lexington-Fayette Urban County Government
200 East Main Street
Lexington, Kentucky 40507
smiller@lexingtonky.gov
859-258-3323

LEXINGTON

MINORITY BUSINESS ENTERPRISE PROGRAM

Sherita Miller, MPA, CPSD
Minority Business Enterprise Liaison
Division of Procurement
Lexington-Fayette Urban County Government
200 East Main Street
Lexington, KY 40507
smiller@lexingtonky.gov
859-258-3323

OUR MISSION: The mission of the Minority Business Enterprise Program (MBEP) 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 urban county council adopted and implemented Resolution 272-2024 – a Certified Minority and Women Business Enterprise seventeen percent (17%) minimum goal including minimum subgoals of five percent (5%) for Minority Business Enterprises (MBE) and a subgoal of twelve percent (12%) for Women Business Enterprises (WBE); a three (3%) minimum goal for Certified Veteran-Owned Small Businesses and/or Certified Service- Disabled Veteran Owned Businesses; and a goal of utilizing Disadvantaged Business Enterprises (DBE), where applicable, for government contracts.

The resolution states the following definitions shall be used for the purposes of reaching these goals:

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. Black American, Asian American, Hispanic American, Native American)*

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 Procurement as having the appropriate credentials to make a determination as to the status of the business.

The following certifications are recognized and accepted by the MBEP:

Kentucky Transportation Cabinet (KYTC), Disadvantaged Business Enterprise (DBE)
Kentucky Minority and Women Business Enterprise (MWBE)
Women's Business Enterprise National Council (WBENC)
National Women Business Owners Corporation (NWBOC)
National Minority Supplier Development Council (NMSDC)
Tri-State Minority Supplier Development Council (TSMSDC)
U.S. Small Business Administration Veteran Small Business Certification (VetCert)
Kentucky Service- Disabled Veteran Owned Small Business (SDVOSB)

To comply with Resolution 272-2024, prime contractors, minority and women business enterprises, veteran owned small businesses, and service-disabled veteran owned small businesses must complete monthly contract compliance audits in the Diverse Business Management Compliance system, https://lexingtonky.diversitycompliance.com/

A list of organizations that certify and/or maintain lists of certified businesses (i.e. DBE, MBE, WBE, VOSB and/or SDVOSB) is available upon request by emailing, Sherita Miller, smiller@lexingtonky.gov.

LEXINGTON

LFUCG MWDBE PARTICIPATION FORM
Bid/RFP/Quote Reference # 50-2025 DOES NOT APPLY

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 the Division of Procurement for approval immediately. **Failure to submit a completed form may cause rejection of the bid.**

MWBE Company, Name, Address, Phone, Email	DBE/MBE WBE/VOSB/SDVOSB	Work to be Performed	Total Dollar Value of the Work	% Value of Total Contract
1.				
2.				
3.				
4.				

The undersigned company representative submits the above list of MDWBE and veteran 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 # SO-2025 DOES NOT APPLY

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 the Division of Procurement 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. **Note: Form required if a subcontractor is being substituted on a contract.**

SUBSTITUTED DBE/MBE/WBE/VOSB Company Name, Address, Phone, Email	DBE/MBE/WBE/VOSB/SDVOSB Formally Contracted/ Name, Address, Phone, Email	Work to Be Performed	Reason for the Substitution	Total Dollar Value of the Work	% Value of Total Contract
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

DOCUMENTATION REQUIRED FOR GOOD FAITH EFFORTS AND OUTREACH PLANS

As affirmed in Resolution Number 272-2024, the Urban County Council has adopted an annual aspirational goal of utilizing at least seventeen percent (17%) of public funds spend from certain discretionary agreements with certified Minority Business Enterprises (MBEs) and certified Woman Business Enterprises (WBEs); utilizing at least three percent (3%) of public funds from certain discretionary agreements with Certified Veteran-Owned Small Business and Certified Service-Disabled Veteran-Owned Small Businesses (VOSBs); and utilizing Disadvantaged Business Enterprises (DBEs) where applicable. Bidders should make every effort to achieve these goals.

Therefore, as an element of the responsiveness of the bid, all Bidders are required to submit documentation of their good faith and outreach efforts to ensure all businesses, including small and disadvantaged businesses such as minority-, woman-, and veteran-owned businesses, have an equal opportunity to compete for and participate in the performance of any subcontracts resulting from this procurement. Examples of good faith and outreach efforts that satisfy this requirement to encourage the participation of, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs include:

1. 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, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs to participate.

2. Attended LFUCG Procurement Economic Inclusion Outreach event(s) within the past year to meet new small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs to partner with on LFUCG contracts and procurements.

3. Attended pre-bid/pre-proposal meetings that were scheduled by LFUCG to inform small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs of subcontracting opportunities.

4. Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs.

5. Requested a list of certified small, DBE, MBE, WBE, VOSB and/or SDVOSB subcontractors or suppliers from LFUCG and showed evidence of contacting the companies on the list(s).

6. Contacted organizations that work with small, DBE, MBE, WBE, and VOSB companies for assistance in finding certified DBEs, MBEs, WBEs, VOSB and/or SDVOSBs to work on this project. Those contacted and their responses must be a part of the bidder's outreach efforts documentation.

7. Sent written notices, by certified mail, email, or facsimile, to qualified, certified small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs 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.

8. Followed up initial solicitations by contacting small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs via tailored communications to determine their level of interest.

9. Provided the interested small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs with adequate and timely information about the plans, specifications, and requirements of the contract.

10. Selected portions of the work to be performed by small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs in order to increase the likelihood of subcontracting participation. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate small, DBE, MBE, WBE, VOSB and/or SDVOSB participation, even when the prime contractor may otherwise perform these work items with its own workforce.

11. Negotiated in good faith with interested small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs, not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection must be so noted in writing with a description as to why an agreement could not be reached.

12. Included documentation of quotations received from interested small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs that 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.

    a. 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 small business', DBE's MBE's, WBE's, VOSB's and/or SDVOSB's quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy the participation goals.

13. Made an effort to offer assistance to or refer interested small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs to obtain the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the work requirements of the bid proposal.

14. Made efforts to expand the search for small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs beyond the usual geographic boundaries.

15. Other – any other evidence that the bidder submits that may demonstrate that the bidder has made reasonable efforts to include small, DBE, MBE, WBE, VOSB and/or SDVOSB participation.

Bidder must document, with specificity, each of the efforts it made to include small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs as subcontractors in the procurement, including the date on which each effort was made, the medium through which each effort was made, and the outcome of each effort.

Note: Failure to submit 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 and Outreach Efforts must be submitted with the Bid, regardless of the proposed level of small, DBE, MBE, WBE, VOSB and/or SDVOSB participation in the procurement. If the Good Faith and Outreach Effort documentation is not submitted with the bid response, the bid may be rejected.

OUTREACH EFFORTS EVALUATION

Outreach efforts demonstrated by the bidder or respondent will be evaluated on a pass/fail basis.

ATTACHMENT A – SMALL AND DISADVANTAGED, MINORITY-, WOMEN-, AND VETERAN-OWNED BUSINESS OUTREACH PLAN

Proposer Name:	VOGELPOHL FIRE EQUIPMENT	**Date:**	4/9/25
Project Name:	SO-2025	**Project Number:**	
Contact Name:		**Telephone:**	
Email:			

The mission of the Minority Business Enterprise Program is to facilitate the full participation of disadvantaged businesses, minority-, women-, veteran-, and service-disabled veteran-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, small and disadvantaged businesses, including minority-, woman-, veteran-, and service-disabled veteran-owned businesses, must have an equal opportunity to be utilized in the performance of contracts with public funds spent from certain discretionary agreements. By submitting its offer, Bidder/Proposer certifies that it has taken, and if there are further opportunities will take, reasonable steps to ensure that small and disadvantaged businesses, including minority-, woman-, veteran-, and service-disabled veteran-owned businesses, are provided an equal opportunity to compete for and participate in the performance of any subcontracts resulting from this procurement.

The information submitted in response to this clause will not be considered in any scored evaluation. Failure to submit this form may cause the bid or proposal to be rejected.

Is the Bidder/ Proposer a certified firm? Yes ☐ No ☒

If yes, indicate all certification type(s):

DBE ☐ MBE ☐ WBE ☐ SBE ☐ VOSB/SDVOSB ☐

and supply a copy of the certificate and/or certification letter if not currently listed on the city's Minority Business Enterprise Program's (MBEP) certified list.

1. Include a list of firms that Bidder/ Proposer has had a contractual relationship with within the last two years that are minority-owned, woman-owned, veteran-owned or small businesses, regardless of their certification status.

Click or tap here to enter text.

2. Does Bidder/Proposer foresee any subcontracting opportunities for this procurement?

Yes ☐ No ☐

If no, please explain why in the field below. Do not complete the rest of this form and submit this first page with your bid and/or proposal. Click or tap here to enter text.

If yes, please complete the following pages and submit all pages with your bid and/or proposal.

Describe the steps Bidder/Proposer took to solicit small and disadvantaged businesses, including MBEs, WBEs, VOSBs, and SDVOSBs, for subcontracting opportunities for this procurement.

3. Check the good faith and outreach efforts the Bidder/Proposer used to encourage the participation of small and disadvantaged businesses including, MBEs, WBEs, VOSBs and SDVOSBs:

☐ Bidder placed advertisements in search of prospective small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs for the solicitation.

☐ Bidder attended LFUCG Procurement Economic Inclusion Outreach event(s) within the past year.

☐ Bidder attended pre-bid and/or pre-proposal meetings for this solicitation.

☐ Bidder sponsored an Economic Inclusion Outreach event.

☐ Bidder requested a list of certified small, DBE, MBE, WBE, VOSB and/or SDVOSB subcontractors or suppliers from LFUCG.

☐ Bidder contacted organizations that work with small, DBE, MBE, WBE, VOSB and/or SDVOSB companies.

☐ Bidder sent written notices to certified small, DBE, MBE, WBE, VOSB and SDVOSB businesses.

☐ Bidder followed up to initial solicitations with interested small, DBE, MBE, WBE, VOSB and/or SDVOSB.

☐ Bidder provided small, DBE, MBE, WBE, VOSB and/or SDVOSB businesses interested in performing the solicited work with prompt access to the plans, specifications, scope of work, and requirements of the solicitation.

☐ Bidder made efforts to segment portions of the work to be performed by small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs, including dividing sub-bid/partnership opportunities into economically feasible units/parcels, to facilitate participation.

☐ Bidder negotiated in good faith with interested small, DBE, MBE, WBE, VOSB and/or SDVOSB businesses.

☐ Bidder provided adequate rationale for rejecting any small business', DBEs, MBEs, WBEs, VOSBs or SDVOSBs for lack of qualifications.

☐ Bidder offered assistance in obtaining bonding, insurance, financial, equipment, or other resources to small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs, in an effort to assist them in meeting project requirements.

☐ Bidder made efforts to expand the search for small businesses, DBEs MBEs, WBEs, VOSBs and/or SDVOSBs beyond the usual geographic boundaries.

☐ Bidder made other reasonable efforts to include small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs participation.

4. Bidder/Proposer must include documentation, including the date each effort was made, the medium through which each effort was made, and the outcome of each effort with this form, regardless of the level of small, DBE, MBE, WBE, VOSB and/or SDVOSB participation. Examples of required documentation include copies of email communications, copies of newspaper advertisements, or copies of quotations received from interested small businesses, DBEs, MBEs, WBEs, VOSBs or SDVOSBs.

Click or tap here to enter text.

For detailed information regarding outreach efforts that satisfy the MBE Program's requirements, please see "Documentation Required for Good Faith Efforts and Outreach Plans" page.

Note: The Bidder/Proposer must be willing to report the identity of each subcontractor and the value of each subcontract to MBEP if awarded a contract from this procurement.

Failure to submit the documentation requested may be cause for rejection of the 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 and Outreach Efforts must be submitted with the bid, regardless of the proposed level of SBEs, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs participation in the procurement. If the Good Faith and Outreach Effort Form and associated documentation is not submitted with the bid response, the bid may be rejected.

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**

4870-1925-6809, v. 1

Please log into your Ionwave account to submit a percentage off the full line of Holmatro rescue equipment. Below is a list of items (and specifications) that we may purchase. Once you have completed and uploaded your bid package, you will need to click "yes" on the attributes tab.

BID SPECS PENTHEON TOOLS

Index

1. Cutters

1.1. PCU30CL

General specs Pentheon

- Twist deadman control mechanism with automatic neutral position. Control handle with a minimum length of 3 in to provide full grip for the operator hand (no finger or thumb control)
- Battery should not be positioned at the back of the tool in order to avoid the risk of not being able to replace an empty battery that got stuck during operation
- The control handle must allow for varying the tool's speed (between low- and high-speed) for optimal speed control during the rescue operation. A rotational resistance within the control handle must be overcome deliberately to run the tool at high speed.
- The hydraulic pump flow and thus speed of the tool must be maximized at every load by a stepless mechatronic system inside the tool and not by means of pressure stages.
- The tool must have an auto start/stop function. The motor/drive system should automatically stop when the tool is not operated or has reached its maximum pressure in order to save battery capacity. The tool should restart by turning the control handle again.
- The tool must be equipped with a temperature management system that monitors and manages the tool and battery temperature to avoid overheating, enabling the tool to be used intensively even in hot weather conditions.
- To avoid degradation of the maximum working pressure setting during the tool's lifetime, the maximum working pressure of the tool must be monitored and limited electronically based on a pressure sensor. Not by a mechanical safety valve which degrades by definition.
- The tool must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery.
- The tool and on-tool charging cord should have a magnetic connector for quick and easy (dis)connection.
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- Tool and battery must be suitable for underwater use. Protection rate battery at least IP67.
- The tool must have a mode selector for different operating modes including a low speed mode for training purposes. By default the tool should start up in high speed performance mode.
- It must be possible to connect the tool via bluetooth to a mobile device (smartphone and/or tablet) for data exchange. An app for Android and IOS should offer realtime data monitoring for tool (pressure, temperature) and battery (SOC, SOH, temperature). The app must have a pressure peak memory function to display the tool's maximum applied pressure during an action. The app must provide the possibility to perform an automated self-check on the tool's drive system (motor-pump performance)
- It must be possible to check the performance of the drive system of the tool by means of diagnostic software on a laptop connected to the tool via USB.
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software on a laptop connected to the tool via USB.
- The charger should indicate the state of health of a battery.

- Certified according to EN13204 and NFPA1936 norm by an independent test institute.
- The tool must be labelled with an NFPA1936 compliance label with identifying mark of the independent test institute.

Specific specs PCU30CL

- The control handle must be centrally placed at the back of the tool and be accessible over 360 degrees without any obstruction.
- Cutter jaw mounted at an angle of 30 degrees in relation to the body of the tool. To reduce the effect of tool movement towards the passenger cell and thus the patient. And for a more ergonomic positioning when cutting above or below waist height.
- In fully open position blades must have U-shape design allowing the blades to pull material into the cutting recess for better cutting performance on pillars of latest car models
- Blade opening at the tips of the blades bigger than 6.4 in
- Maximum force not less than 27,539 lbf
- Cutting round bar (acc. to EN13204) not less than 1.2 in
- Cutting capacity acc. EN13204 at least category F
- Cutting capacity acc. NFPA1936 at least A6 B5 C6 D6 E6 F2
- Central bolt head and nut mounted directly to steel blades resulting in less blade separation (optimum cutting performance) and flatter design for better access
- To improve durability the blades must be machined from high grade tool steel and not forged
- Aluminium blade holder fitted with a set of steel protection covers to shield the front of the tool from damage during the rescue operation
- Maximum working pressure not less than 720 bar.

- Weight including battery shall not exceed 34.2 lb.
- Weight excluding battery shall not exceed 30.9 lb.
- Dimensions inclusive battery (LxWxH) shall not exceed 32.3x11.1x11.9 in.
- Permanently fixed 360° carrying handle that functions through 360 degrees around the tool for easy tool handling in any position.
- Sound emission at 3.3 ft under full load shall not exceed 74 dB(A)
- Sound emission at 13.1 ft under full load shall not exceed 65 dB(A)
- To assist the operator and increase safety while working in dark or poorly lit circumstances the carrying handle shall have at least six integrated LED lights powered from the main battery. The LED lights can be turned on or off by means of a switch.

Accessories PCU30CL

- See "general Pentheon accessories"

1.2. PCU40

General specs Pentheon

- Twist deadman control mechanism with automatic neutral position. Control handle with a minimum length of 3 in to provide full grip for the operator hand (no finger or thumb control)
- Battery should not be positioned at the back of the tool in order to avoid the risk of not being able to replace an empty battery that got stuck during operation
- The control handle must allow for varying the tool's speed (between low- and high-speed) for optimal speed control during the rescue operation. A rotational resistance within the control handle must be overcome deliberately to run the tool at high speed.
- The hydraulic pump flow and thus speed of the tool must be maximized at every load by a stepless mechatronic system inside the tool and not by means of pressure stages.
- The tool must have an auto start/stop function. The motor/drive system should automatically stop when the tool is not operated or has reached its maximum pressure in order to save battery capacity. The tool should restart by turning the control handle again.
- The tool must be equipped with a temperature management system that monitors and manages the tool and battery temperature to avoid overheating, enabling the tool to be used intensively even in hot weather conditions.
- To avoid degradation of the maximum working pressure setting during the tool's lifetime, the maximum working pressure of the tool must be monitored and limited electronically based on a pressure sensor. Not by a mechanical safety valve which degrades by definition.
- The tool must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery.
- The tool and on-tool charging cord should have a magnetic connector for quick and easy (dis)connection.
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- Tool and battery must be suitable for underwater use. Protection rate battery at least IP67.
- The tool must have a mode selector for different operating modes including a low speed mode for training purposes. By default the tool should start up in high speed performance mode.
- It must be possible to connect the tool via bluetooth to a mobile device (smartphone and/or tablet) for data exchange. An app for Android and IOS should offer realtime data monitoring for tool (pressure, temperature) and battery (SOC, SOH, temperature). The app must have a pressure peak memory function to display the tool's maximum applied pressure during an action. The app must provide the possibility to perform an automated self-check on the tool's drive system (motor-pump performance)
- It must be possible to check the performance of the drive system of the tool by means of diagnostic software on a laptop connected to the tool via USB.
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software on a laptop connected to the tool via USB.
- The charger should indicate the state of health of a battery.
- Certified according to EN13204 and NFPA1936 norm by an independent test institute.

- The tool must be labelled with an NFPA1936 compliance label with identifying mark of the independent test institute.

Specific specs PCU40

- The control handle must be centrally placed at the back of the tool and be accessible over 360 degrees without any obstruction.
- Cutter jaw mounted at an angle of 30 degrees in relation to the body of the tool. To reduce the effect of tool movement towards the passenger cell and thus the patient. And for a more ergonomic positioning when cutting above or below waist height.
- In fully open position blades must have U-shape design allowing the blades to pull material into the cutting recess for better cutting performance on pillars of latest car models
- Blade opening at the tips of the blades bigger than 6.4 in
- Maximum force not less than 168,607 lbf
- Cutting round bar (acc. to EN13204) not less than 1.4 in
- Cutting capacity acc. EN13204 at least category I
- Cutting capacity acc. NFPA1936 at least A7 B7 C6 D7 E8 F3
- Central bolt head and nut mounted directly to steel blades resulting in less blade separation (optimum cutting performance) and flatter design for better access
- To improve durability the blades must be machined from high grade tool steel and not forged
- Aluminium blade holder fitted with a set of steel protection covers to shield the front of the tool from damage during the rescue operation
- Maximum working pressure not less than 720 bar.

- Weight including battery shall not exceed 41.9 lb.
- Weight excluding battery shall not exceed 38.6 lb.
- Dimensions inclusive battery (LxWxH) shall not exceed 33.1x11.1x11.9 in.
- Permanently fixed 360° carrying handle that functions through 360 degrees around the tool for easy tool handling in any position.
- Sound emission at 3.3 ft under full load shall not exceed 75 dB(A)
- Sound emission at 13.1 ft under full load shall not exceed 66 dB(A)
- To assist the operator and increase safety while working in dark or poorly lit circumstances the carrying handle shall have at least six integrated LED lights powered from the main battery. The LED lights can be turned on or off by means of a switch.

Accessories PCU40

- See "general Pentheon accessories"

1.3. PCU50

General specs Pentheon

- Twist deadman control mechanism with automatic neutral position. Control handle with a minimum length of 3 in to provide full grip for the operator hand (no finger or thumb control)
- Battery should not be positioned at the back of the tool in order to avoid the risk of not being able to replace an empty battery that got stuck during operation
- The control handle must allow for varying the tool's speed (between low- and high-speed) for optimal speed control during the rescue operation. A rotational resistance within the control handle must be overcome deliberately to run the tool at high speed.
- The hydraulic pump flow and thus speed of the tool must be maximized at every load by a stepless mechatronic system inside the tool and not by means of pressure stages.
- The tool must have an auto start/stop function. The motor/drive system should automatically stop when the tool is not operated or has reached its maximum pressure in order to save battery capacity. The tool should restart by turning the control handle again.
- The tool must be equipped with a temperature management system that monitors and manages the tool and battery temperature to avoid overheating, enabling the tool to be used intensively even in hot weather conditions.
- To avoid degradation of the maximum working pressure setting during the tool's lifetime, the maximum working pressure of the tool must be monitored and limited electronically based on a pressure sensor. Not by a mechanical safety valve which degrades by definition.
- The tool must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery.
- The tool and on-tool charging cord should have a magnetic connector for quick and easy (dis)connection.
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- Tool and battery must be suitable for underwater use. Protection rate battery at least IP67.
- The tool must have a mode selector for different operating modes including a low speed mode for training purposes. By default the tool should start up in high speed performance mode.
- It must be possible to connect the tool via bluetooth to a mobile device (smartphone and/or tablet) for data exchange. An app for Android and IOS should offer realtime data monitoring for tool (pressure, temperature) and battery (SOC, SOH, temperature). The app must have a pressure peak memory function to display the tool's maximum applied pressure during an action. The app must provide the possibility to perform an automated self-check on the tool's drive system (motor-pump performance)
- It must be possible to check the performance of the drive system of the tool by means of diagnostic software on a laptop connected to the tool via USB.
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software on a laptop connected to the tool via USB.
- The charger should indicate the state of health of a battery.
- Certified according to EN13204 and NFPA1936 norm by an independent test institute.

- The tool must be labelled with an NFPA1936 compliance label with identifying mark of the independent test institute.

Specific specs PCU50

- The control handle must be centrally placed at the back of the tool and be accessible over 360 degrees without any obstruction.
- Cutter jaw mounted at an angle of 30 degrees in relation to the body of the tool. To reduce the effect of tool movement towards the passenger cell and thus the patient. And for a more ergonomic positioning when cutting above or below waist height.
- In fully open position blades must have U-shape design allowing the blades to pull material into the cutting recess for better cutting performance on pillars of latest car models
- Blade opening at the tips of the blades bigger than 7 in
- Maximum force not less than 303,492 lbf
- Cutting round bar (acc. to EN13204) not less than 1.6 in
- Cutting capacity acc. EN13204 at least category K
- Cutting capacity acc. NFPA1936 at least A8 B8 C7 D9 E9 F4
- Central bolt head and nut mounted directly to steel blades resulting in less blade separation (optimum cutting performance) and flatter design for better access
- To improve durability the blades must be machined from high grade tool steel and not forged
- Aluminium blade holder fitted with a set of steel protection covers to shield the front of the tool from damage during the rescue operation
- Maximum working pressure not less than 720 bar.

- Weight including battery shall not exceed 47.4 lb.
- Weight excluding battery shall not exceed 44.1 lb
- Dimensions inclusive battery (LxWxH) shall not exceed 35.5x11.1x11.1 in.
- Permanently fixed 360° carrying handle that functions through 360 degrees around the tool for easy tool handling in any position.
- Sound emission at 3.3 ft under full load shall not exceed 76 dB(A)
- Sound emission at 13.1 ft under full load shall not exceed 67 dB(A)
- To assist the operator and increase safety while working in dark or poorly lit circumstances the carrying handle shall have at least six integrated LED lights powered from the main battery. The LED lights can be turned on or off by means of a switch.

Accessories PCU50

- See "general Pentheon accessories"

1.4. PCU60

General specs Pentheon

- Twist deadman control mechanism with automatic neutral position. Control handle with a minimum length of 3 in to provide full grip for the operator hand (no finger or thumb control)
- Battery should not be positioned at the back of the tool in order to avoid the risk of not being able to replace an empty battery that got stuck during operation
- The control handle must allow for varying the tool's speed (between low- and high-speed) for optimal speed control during the rescue operation. A rotational resistance within the control handle must be overcome deliberately to run the tool at high speed.
- The hydraulic pump flow and thus speed of the tool must be maximized at every load by a stepless mechatronic system inside the tool and not by means of pressure stages.
- The tool must have an auto start/stop function. The motor/drive system should automatically stop when the tool is not operated or has reached its maximum pressure in order to save battery capacity. The tool should restart by turning the control handle again.
- The tool must be equipped with a temperature management system that monitors and manages the tool and battery temperature to avoid overheating, enabling the tool to be used intensively even in hot weather conditions.
- To avoid degradation of the maximum working pressure setting during the tool's lifetime, the maximum working pressure of the tool must be monitored and limited electronically based on a pressure sensor. Not by a mechanical safety valve which degrades by definition.
- The tool must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery.
- The tool and on-tool charging cord should have a magnetic connector for quick and easy (dis)connection.
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- Tool and battery must be suitable for underwater use. Protection rate battery at least IP67.
- The tool must have a mode selector for different operating modes including a low speed mode for training purposes. By default the tool should start up in high speed performance mode.
- It must be possible to connect the tool via bluetooth to a mobile device (smartphone and/or tablet) for data exchange. An app for Android and IOS should offer realtime data monitoring for tool (pressure, temperature) and battery (SOC, SOH, temperature). The app must have a pressure peak memory function to display the tool's maximum applied pressure during an action. The app must provide the possibility to perform an automated self-check on the tool's drive system (motor-pump performance)
- It must be possible to check the performance of the drive system of the tool by means of diagnostic software on a laptop connected to the tool via USB.
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software on a laptop connected to the tool via USB.
- The charger should indicate the state of health of a battery.
- Certified according to EN13204 and NFPA1936 norm by an independent test institute.

- The tool must be labelled with an NFPA1936 compliance label with identifying mark of the independent test institute.

Specific specs PCU60

- The control handle must be centrally placed at the back of the tool and be accessible over 360 degrees without any obstruction.
- Cutter jaw mounted at an angle of 30 degrees in relation to the body of the tool. To reduce the effect of tool movement towards the passenger cell and thus the patient. And for a more ergonomic positioning when cutting above or below waist height.
- In fully open position blades must have U-shape design allowing the blades to pull material into the cutting recess for better cutting performance on pillars of latest car models
- Blade opening at the tips of the blades bigger than 8 in
- Maximum force not less than 382,175 lbf
- Cutting round bar (acc. to EN13204) not less than 1.8 in
- Cutting capacity acc. EN13204 at least category K
- Cutting capacity acc. NFPA1936 at least A9 B9 C9 D9 E9 F4
- Central bolt head and nut mounted directly to steel blades resulting in less blade separation (optimum cutting performance) and flatter design for better access
- To improve durability the blades must be machined from high grade tool steel and not forged
- Aluminium blade holder fitted with a set of steel protection covers to shield the front of the tool from damage during the rescue operation
- Maximum working pressure not less than 720 bar.

- Weight including battery shall not exceed 55.2 lb.
- Weight excluding battery shall not exceed 51.9 lb.
- Dimensions inclusive battery (LxWxH) shall not exceed 37.8x11.1x13.4 in.
- Permanently fixed 360° carrying handle that functions through 360 degrees around the tool for easy tool handling in any position.
- Sound emission at 3.3 ft under full load shall not exceed 75 dB(A)
- Sound emission at 13.1 ft under full load shall not exceed 66 dB(A)
- To assist the operator and increase safety while working in dark or poorly lit circumstances the carrying handle shall have at least six integrated LED lights powered from the main battery. The LED lights can be turned on or off by means of a switch.

Accessories PCU60

- See "general Pentheon accessories"

2. Spreaders

2.1. PSP40CL

General specs Pentheon

- Twist deadman control mechanism with automatic neutral position. Control handle with a minimum length of 3 in to provide full grip for the operator hand (no finger or thumb control)
- Battery should not be positioned at the back of the tool in order to avoid the risk of not being able to replace an empty battery that got stuck during operation
- The control handle must allow for varying the tool's speed (between low- and high-speed) for optimal speed control during the rescue operation. A rotational resistance within the control handle must be overcome deliberately to run the tool at high speed.
- The hydraulic pump flow and thus speed of the tool must be maximized at every load by a stepless mechatronic system inside the tool and not by means of pressure stages.
- The tool must have an auto start/stop function. The motor/drive system should automatically stop when the tool is not operated or has reached its maximum pressure in order to save battery capacity. The tool should restart by turning the control handle again.
- The tool must be equipped with a temperature management system that monitors and manages the tool and battery temperature to avoid overheating, enabling the tool to be used intensively even in hot weather conditions.
- To avoid degradation of the maximum working pressure setting during the tool's lifetime, the maximum working pressure of the tool must be monitored and limited electronically based on a pressure sensor. Not by a mechanical safety valve which degrades by definition.
- The tool must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery.
- The tool and on-tool charging cord should have a magnetic connector for quick and easy (dis)connection.
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- Tool and battery must be suitable for underwater use. Protection rate battery at least IP67.
- The tool must have a mode selector for different operating modes including a low speed mode for training purposes. By default the tool should start up in high speed performance mode.
- It must be possible to connect the tool via bluetooth to a mobile device (smartphone and/or tablet) for data exchange. An app for Android and IOS should offer realtime data monitoring for tool (pressure, temperature) and battery (SOC, SOH, temperature). The app must have a pressure peak memory function to display the tool's maximum applied pressure during an action. The app must provide the possibility to perform an automated self-check on the tool's drive system (motor-pump performance)
- It must be possible to check the performance of the drive system of the tool by means of diagnostic software on a laptop connected to the tool via USB.
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software on a laptop connected to the tool via USB.
- The charger should indicate the state of health of a battery.

- Certified according to EN13204 and NFPA1936 norm by an independent test institute.
- The tool must be labelled with an NFPA1936 compliance label with identifying mark of the independent test institute.

Specific specs PSP40CL

- The control handle must be centrally placed at the back of the tool and be accessible over 360 degrees without any obstruction.
- Minimum spreading force 1 in from tips (acc. to EN13204) not less than 9,666.7 lbf.
- Spreading opening not less than 19.6 in.
- Maximum spreading force at steel tips (not at aluminium arm) not less than 29,225.2 lbf.
- Maximum pulling force not less than 10116.4 lb.
- Pulling distance not less than 15.3 in.
- Maximum squeezing force not less than 10116.4 lbf.
- Maximum working pressure not less than 720 bar.

- Weight including battery shall not exceed 34.2 lb.
- Weight excluding battery shall not exceed 30.9 lb.
- Sound emission at 3.3 ft under full load shall not exceed 74 dB(A)
- Sound emission at 13.1 ft under full load shall not exceed 65 dB(A)
- Permanently fixed 360° carrying handle that functions through 360 degrees around the tool for easy tool handling in any position.
- Dimensions inclusive battery (LxWxH) shall not exceed 32.3x11.1x11.1 in.
- To assist the operator and increase safety while working in dark or poorly lit circumstances the carrying handle shall have at least six integrated LED lights powered from the main battery. The LED lights can be turned on or off by means of a switch.
- Teeth on spreader tips pointing in opposite direction for optimal grip over the full spreading range.
- Interlocking profile on inside op spreading tips and a flat start of spreading profile on the outside for easy and deep insertion of tips in narrow gaps.
- Taller middle row of teeth on spreading tips for immediate grip.

Accessories PSP40CL

- Set of 2x pulling adapter and 2x spare tip in synthetic carrying box.
- Set of pulling chains of 4.9 and 9.8 ft in synthetic carrying box.
- See also "general Pentheon accessories"

2.2. PSP40

General specs Pentheon

- Twist deadman control mechanism with automatic neutral position. Control handle with a minimum length of 3 in to provide full grip for the operator hand (no finger or thumb control)
- Battery should not be positioned at the back of the tool in order to avoid the risk of not being able to replace an empty battery that got stuck during operation
- The control handle must allow for varying the tool's speed (between low- and high-speed) for optimal speed control during the rescue operation. A rotational resistance within the control handle must be overcome deliberately to run the tool at high speed.
- The hydraulic pump flow and thus speed of the tool must be maximized at every load by a stepless mechatronic system inside the tool and not by means of pressure stages.
- The tool must have an auto start/stop function. The motor/drive system should automatically stop when the tool is not operated or has reached its maximum pressure in order to save battery capacity. The tool should restart by turning the control handle again.
- The tool must be equipped with a temperature management system that monitors and manages the tool and battery temperature to avoid overheating, enabling the tool to be used intensively even in hot weather conditions.
- To avoid degradation of the maximum working pressure setting during the tool's lifetime, the maximum working pressure of the tool must be monitored and limited electronically based on a pressure sensor. Not by a mechanical safety valve which degrades by definition.
- The tool must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery.
- The tool and on-tool charging cord should have a magnetic connector for quick and easy (dis)connection.
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- Tool and battery must be suitable for underwater use. Protection rate battery at least IP67.
- The tool must have a mode selector for different operating modes including a low speed mode for training purposes. By default the tool should start up in high speed performance mode.
- It must be possible to connect the tool via bluetooth to a mobile device (smartphone and/or tablet) for data exchange. An app for Android and IOS should offer realtime data monitoring for tool (pressure, temperature) and battery (SOC, SOH, temperature). The app must have a pressure peak memory function to display the tool's maximum applied pressure during an action. The app must provide the possibility to perform an automated self-check on the tool's drive system (motor-pump performance)
- It must be possible to check the performance of the drive system of the tool by means of diagnostic software on a laptop connected to the tool via USB.
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software on a laptop connected to the tool via USB.
- The charger should indicate the state of health of a battery.
- Certified according to EN13204 and NFPA1936 norm by an independent test institute.

- The tool must be labelled with an NFPA1936 compliance label with identifying mark of the independent test institute.

Specific specs PSP40

- The control handle must be centrally placed at the back of the tool and be accessible over 360 degrees without any obstruction.
- Minimum spreading force 1 in from tips (acc. to EN13204) not less than 9666.7 lbf.
- Spreading opening not less than 29.5 in.
- Maximum spreading force at steel tips (not at aluminium arm) not less than 61,822.5 lbf.
- Maximum pulling force not less than 10116.4 lbf.
- Pulling distance not less than 24 in.
- Maximum squeezing force not less than 12,364.5 lbf.
- Maximum working pressure not less than 720 bar.

- Weight including battery shall not exceed 43 lb.
- Weight excluding battery shall not exceed 39.7 lb.
- Sound emission at 3.3 ft under full load shall not exceed 74 dB(A)
- Sound emission at 13.1 ft under full load shall not exceed 65 dB(A)
- Permanently fixed 360° carrying handle that functions through 360 degrees around the tool for easy tool handling in any position.
- Dimensions inclusive battery (LxWxH) shall not exceed 37.8x11.1x11.1 in.
- To assist the operator and increase safety while working in dark or poorly lit circumstances the carrying handle shall have at least six integrated LED lights powered from the main battery. The LED lights can be turned on or off by means of a switch.
- Teeth on spreader tips pointing in opposite direction for optimal grip over the full spreading range.
- Interlocking profile on inside op spreading tips and a flat start of spreading profile on the outside for easy and deep insertion of tips in narrow gaps.
- Taller middle row of teeth on spreading tips for immediate grip.

Accessories PSP40

- Set of 2x pulling adapter, 2x spare tip and 2x cutting tip in synthetic carrying box.
- Set of pulling chains of 4.9 and 9.8 ft in synthetic carrying box.
- See also "general Pentheon accessories"

2.3. PSP50

General specs Pentheon

- Twist deadman control mechanism with automatic neutral position. Control handle with a minimum length of 3 in to provide full grip for the operator hand (no finger or thumb control)
- Battery should not be positioned at the back of the tool in order to avoid the risk of not being able to replace an empty battery that got stuck during operation
- The control handle must allow for varying the tool's speed (between low- and high-speed) for optimal speed control during the rescue operation. A rotational resistance within the control handle must be overcome deliberately to run the tool at high speed.
- The hydraulic pump flow and thus speed of the tool must be maximized at every load by a stepless mechatronic system inside the tool and not by means of pressure stages.
- The tool must have an auto start/stop function. The motor/drive system should automatically stop when the tool is not operated or has reached its maximum pressure in order to save battery capacity. The tool should restart by turning the control handle again.
- The tool must be equipped with a temperature management system that monitors and manages the tool and battery temperature to avoid overheating, enabling the tool to be used intensively even in hot weather conditions.
- To avoid degradation of the maximum working pressure setting during the tool's lifetime, the maximum working pressure of the tool must be monitored and limited electronically based on a pressure sensor. Not by a mechanical safety valve which degrades by definition.
- The tool must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery.
- The tool and on-tool charging cord should have a magnetic connector for quick and easy (dis)connection.
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- Tool and battery must be suitable for underwater use. Protection rate battery at least IP67.
- The tool must have a mode selector for different operating modes including a low speed mode for training purposes. By default the tool should start up in high speed performance mode.
- It must be possible to connect the tool via bluetooth to a mobile device (smartphone and/or tablet) for data exchange. An app for Android and IOS should offer realtime data monitoring for tool (pressure, temperature) and battery (SOC, SOH, temperature). The app must have a pressure peak memory function to display the tool's maximum applied pressure during an action. The app must provide the possibility to perform an automated self-check on the tool's drive system (motor-pump performance)
- It must be possible to check the performance of the drive system of the tool by means of diagnostic software on a laptop connected to the tool via USB.
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software on a laptop connected to the tool via USB.
- The charger should indicate the state of health of a battery.
- Certified according to EN13204 and NFPA1936 norm by an independent test institute.

- The tool must be labelled with an NFPA1936 compliance label with identifying mark of the independent test institute.

Specific specs PSP50

- The control handle must be centrally placed at the back of the tool and be accessible over 360 degrees without any obstruction.
- Minimum spreading force 1 in from tips (acc. to EN13204) not less than 12,139.7 lbf.
- Spreading opening not less than 28.5 in.
- Maximum spreading force at steel tips (not at aluminium arm) not less than 80,931.2 lbf.
- Maximum pulling force not less than 14612.6 lbf.
- Pulling distance not less than 24 in.
- Maximum squeezing force not less than 29,225.2 lbf.
- Maximum working pressure not less than 720 bar.

- Weight including battery shall not exceed 46.3 lb.
- Weight excluding battery shall not exceed 43 lb.
- Sound emission at 3.3 ft under full load shall not exceed 75 dB(A)
- Sound emission at 13.1 ft under full load shall not exceed 66 dB(A)
- Permanently fixed 360° carrying handle that functions through 360 degrees around the tool for easy tool handling in any position.
- Dimensions inclusive battery (LxWxH) shall not exceed 38.2x11.1x11.1 in.
- To assist the operator and increase safety while working in dark or poorly lit circumstances the carrying handle shall have at least six integrated LED lights powered from the main battery. The LED lights can be turned on or off by means of a switch.
- Teeth on spreader tips pointing in opposite direction for optimal grip over the full spreading range.
- Interlocking profile on inside op spreading tips and a flat start of spreading profile on the outside for easy and deep insertion of tips in narrow gaps.
- Taller middle row of teeth on spreading tips for immediate grip.

Accessories PSP50

- Set of 2x pulling adapter, 2x spare tip and 2x cutting tip in synthetic carrying box.
- Set of pulling chains of 4.9 and 9.8 ft in synthetic carrying box.
- See also "general Pentheon accessories"

2.4. PSP60

General specs Pentheon

- Twist deadman control mechanism with automatic neutral position. Control handle with a minimum length of 3 in to provide full grip for the operator hand (no finger or thumb control)
- Battery should not be positioned at the back of the tool in order to avoid the risk of not being able to replace an empty battery that got stuck during operation
- The control handle must allow for varying the tool's speed (between low- and high-speed) for optimal speed control during the rescue operation. A rotational resistance within the control handle must be overcome deliberately to run the tool at high speed.
- The hydraulic pump flow and thus speed of the tool must be maximized at every load by a stepless mechatronic system inside the tool and not by means of pressure stages.
- The tool must have an auto start/stop function. The motor/drive system should automatically stop when the tool is not operated or has reached its maximum pressure in order to save battery capacity. The tool should restart by turning the control handle again.
- The tool must be equipped with a temperature management system that monitors and manages the tool and battery temperature to avoid overheating, enabling the tool to be used intensively even in hot weather conditions.
- To avoid degradation of the maximum working pressure setting during the tool's lifetime, the maximum working pressure of the tool must be monitored and limited electronically based on a pressure sensor. Not by a mechanical safety valve which degrades by definition.
- The tool must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery.
- The tool and on-tool charging cord should have a magnetic connector for quick and easy (dis)connection.
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- Tool and battery must be suitable for underwater use. Protection rate battery at least IP67.
- The tool must have a mode selector for different operating modes including a low speed mode for training purposes. By default the tool should start up in high speed performance mode.
- It must be possible to connect the tool via bluetooth to a mobile device (smartphone and/or tablet) for data exchange. An app for Android and IOS should offer realtime data monitoring for tool (pressure, temperature) and battery (SOC, SOH, temperature). The app must have a pressure peak memory function to display the tool's maximum applied pressure during an action. The app must provide the possibility to perform an automated self-check on the tool's drive system (motor-pump performance)
- It must be possible to check the performance of the drive system of the tool by means of diagnostic software on a laptop connected to the tool via USB.
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software on a laptop connected to the tool via USB.
- The charger should indicate the state of health of a battery.
- Certified according to EN13204 and NFPA1936 norm by an independent test institute.

- The tool must be labelled with an NFPA1936 compliance label with identifying mark of the independent test institute.

Specific specs PSP60

- The control handle must be centrally placed at the back of the tool and be accessible over 360 degrees without any obstruction.
- Minimum spreading force 1 in from tips (acc. to EN13204) not less than 13,488.5 lbf.
- Spreading opening not less than 32.2 in.
- Maximum spreading force at steel tips/plates (not at aluminium arm) not less than 116,901 lbf.
- Maximum pulling force not less than 168,60.7 lbf.
- Pulling distance not less than 27.5 in.
- Maximum squeezing force not less than 28,101.1 lbf.
- Maximum working pressure not less than 720 bar.

- Weight including battery shall not exceed 55.2 lb.
- Weight excluding battery shall not exceed 51.9 lb.
- Sound emission at 3.3 ft under full load shall not exceed 75 dB(A)
- Sound emission at 13.1 under full load shall not exceed 66 dB(A)
- Permanently fixed 360° carrying handle that functions through 360 degrees around the tool for easy tool handling in any position.
- Dimensions inclusive battery (LxWxH) shall not exceed 41.8x12.6x11.1 in.
- To assist the operator and increase safety while working in dark or poorly lit circumstances the carrying handle shall have at least six integrated LED lights powered from the main battery. The LED lights can be turned on or off by means of a switch.
- Teeth on spreader tips pointing in opposite direction for optimal grip over the full spreading range.
- Interlocking profile on inside op spreading tips and a flat start of spreading profile on the outside for easy and deep insertion of tips in narrow gaps.
- Taller middle row of teeth on spreading tips for immediate grip.

Accessories PSP60

- Set of 2x pulling adapter, 2x spare tip and 2x cutting tip in synthetic carrying box.
- Set of pulling chains of 4.9 and 9.8 ft in synthetic carrying box.
- See also "general Pentheon accessories"

3. Combi Tools

3.1. PCT11

General specs Pentheon

- Twist deadman control mechanism with automatic neutral position. Control handle with a minimum length of 3 in to provide full grip for the operator hand (no finger or thumb control)
- Battery should not be positioned at the back of the tool in order to avoid the risk of not being able to replace an empty battery that got stuck during operation
- The control handle must allow for varying the tool's speed (between low- and high-speed) for optimal speed control during the rescue operation. A rotational resistance within the control handle must be overcome deliberately to run the tool at high speed.
- The hydraulic pump flow and thus speed of the tool must be maximized at every load by a stepless mechatronic system inside the tool and not by means of pressure stages.
- The tool must have an auto start/stop function. The motor/drive system should automatically stop when the tool is not operated or has reached its maximum pressure in order to save battery capacity. The tool should restart by turning the control handle again.
- The tool must be equipped with a temperature management system that monitors and manages the tool and battery temperature to avoid overheating, enabling the tool to be used intensively even in hot weather conditions.
- To avoid degradation of the maximum working pressure setting during the tool's lifetime, the maximum working pressure of the tool must be monitored and limited electronically based on a pressure sensor. Not by a mechanical safety valve which degrades by definition.
- The tool must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery.
- The tool and on-tool charging cord should have a magnetic connector for quick and easy (dis)connection.
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- Tool and battery must be suitable for underwater use. Protection rate battery at least IP67.
- The tool must have a mode selector for different operating modes including a low speed mode for training purposes. By default the tool should start up in high speed performance mode.
- It must be possible to connect the tool via bluetooth to a mobile device (smartphone and/or tablet) for data exchange. An app for Android and IOS should offer realtime data monitoring for tool (pressure, temperature) and battery (SOC, SOH, temperature). The app must have a pressure peak memory function to display the tool's maximum applied pressure during an action. The app must provide the possibility to perform an automated self-check on the tool's drive system (motor-pump performance)
- It must be possible to check the performance of the drive system of the tool by means of diagnostic software on a laptop connected to the tool via USB.
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software on a laptop connected to the tool via USB.
- The charger should indicate the state of health of a battery.

- Certified according to EN13204 and NFPA1936 norm by an independent test institute.
- The tool must be labelled with an NFPA1936 compliance label with identifying mark of the independent test institute.

Specific specs PCT11

- The control handle must be centrally placed at the back of the tool and be accessible over 360 degrees without any obstruction.
- Spreading distance more than 11 in
- Minimum spreading force according to EN13204 (1 in from the tip) at least 10,790.8 lbf
- Maximum cutting opening at least 7.4 in
- Maximum cutting force not less than 56,202.2 lbf
- Cutting round bar according to EN13204 not less than .9 in
- Cutting capacity according to EN13204 at least category E
- Cutting capacity according to NFPA1936 at least A5 B5 C5 D6 E4 F3
- Maximum squeezing force not less than 8,992 lbf.
- Central bolt head and nut mounted with direct contact to steel blades resulting in less blade separation (optimum cutting performance) and flatter design for better access
- To improve durability the blades must be machined from high grade tool steel and not forged
- Maximum working pressure not less than 720 bar

- Weight including battery shall not exceed 30.9 lb
- Weight excluding battery shall not exceed 27.6 lb
- Sound emission at 3.3 ft under full load shall not exceed 74 dB(A)
- Sound emission at 13.1 ft under full load shall not exceed 65 dB(A)
- Permanently fixed 360° carrying handle that functions through 360 degrees around the tool for easy tool handling in any position.
- Dimensions (LxWxH) shall not exceed 26.8x11.1x11.1 in
- To assist the operator and increase safety while working in dark or poorly lit circumstances the carrying handle shall have at least six integrated LED lights powered from the main battery. The LED lights can be turned on or off by means of a switch.

Accessories PCT11

- See "general Pentheon accessories"

3.2. PCT14

General specs Pentheon

- Twist deadman control mechanism with automatic neutral position. Control handle with a minimum length of 3 in to provide full grip for the operator hand (no finger or thumb control)
- Battery should not be positioned at the back of the tool in order to avoid the risk of not being able to replace an empty battery that got stuck during operation
- The control handle must allow for varying the tool's speed (between low- and high-speed) for optimal speed control during the rescue operation. A rotational resistance within the control handle must be overcome deliberately to run the tool at high speed.
- The hydraulic pump flow and thus speed of the tool must be maximized at every load by a stepless mechatronic system inside the tool and not by means of pressure stages.
- The tool must have an auto start/stop function. The motor/drive system should automatically stop when the tool is not operated or has reached its maximum pressure in order to save battery capacity. The tool should restart by turning the control handle again.
- The tool must be equipped with a temperature management system that monitors and manages the tool and battery temperature to avoid overheating, enabling the tool to be used intensively even in hot weather conditions.
- To avoid degradation of the maximum working pressure setting during the tool's lifetime, the maximum working pressure of the tool must be monitored and limited electronically based on a pressure sensor. Not by a mechanical safety valve which degrades by definition.
- The tool must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery.
- The tool and on-tool charging cord should have a magnetic connector for quick and easy (dis)connection.
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- Tool and battery must be suitable for underwater use. Protection rate battery at least IP67.
- The tool must have a mode selector for different operating modes including a low speed mode for training purposes. By default the tool should start up in high speed performance mode.
- It must be possible to connect the tool via bluetooth to a mobile device (smartphone and/or tablet) for data exchange. An app for Android and IOS should offer realtime data monitoring for tool (pressure, temperature) and battery (SOC, SOH, temperature). The app must have a pressure peak memory function to display the tool's maximum applied pressure during an action. The app must provide the possibility to perform an automated self-check on the tool's drive system (motor-pump performance)
- It must be possible to check the performance of the drive system of the tool by means of diagnostic software on a laptop connected to the tool via USB.
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software on a laptop connected to the tool via USB.
- The charger should indicate the state of health of a battery.
- Certified according to EN13204 and NFPA1936 norm by an independent test institute.

- The tool must be labelled with an NFPA1936 compliance label with identifying mark of the independent test institute.

Specific specs PCT14

- The control handle must be centrally placed at the back of the tool and be accessible over 360 degrees without any obstruction.
- Spreading distance more than 14 in
- Minimum spreading force according to EN13204 (1 in from the tip) at least 7,418.7 lbf
- Maximum cutting opening at least 10.8 in
- Maximum cutting force not less than 78,683.1 lbf
- Cutting round bar according to EN13204 not less than .9 in
- Cutting capacity according to EN13204 at least category E
- Cutting capacity according to NFPA1936 at least A5 B5 C5 D6 E4 F3
- Maximum squeezing force not less than 6,744.2 lbf.
- Central bolt head and nut mounted with direct contact to steel blades resulting in less blade separation (optimum cutting performance) and flatter design for better access
- To improve durability the blades must be machined from high grade tool steel and not forged
- Maximum working pressure not less than 720 bar

- Weight including battery shall not exceed 32 lb
- Weight excluding battery shall not exceed 28.7 lb
- Sound emission at 3.3 ft under full load shall not exceed 76 dB(A)
- Sound emission at 13.1 ft under full load shall not exceed 67 dB(A)
- Permanently fixed 360° carrying handle that functions through 360 degrees around the tool for easy tool handling in any position.
- Dimensions (LxWxH) shall not exceed 29.2x11.1x11.1 in
- To assist the operator and increase safety while working in dark or poorly lit circumstances the carrying handle shall have at least six integrated LED lights powered from the main battery. The LED lights can be turned on or off by means of a switch.

Accessories PCT14

- See "general Pentheon accessories"

3.3. PCT50

General specs Pentheon

- Twist deadman control mechanism with automatic neutral position. Control handle with a minimum length of 3 in to provide full grip for the operator hand (no finger or thumb control)
- Battery should not be positioned at the back of the tool in order to avoid the risk of not being able to replace an empty battery that got stuck during operation
- The control handle must allow for varying the tool's speed (between low- and high-speed) for optimal speed control during the rescue operation. A rotational resistance within the control handle must be overcome deliberately to run the tool at high speed.
- The hydraulic pump flow and thus speed of the tool must be maximized at every load by a stepless mechatronic system inside the tool and not by means of pressure stages.
- The tool must have an auto start/stop function. The motor/drive system should automatically stop when the tool is not operated or has reached its maximum pressure in order to save battery capacity. The tool should restart by turning the control handle again.
- The tool must be equipped with a temperature management system that monitors and manages the tool and battery temperature to avoid overheating, enabling the tool to be used intensively even in hot weather conditions.
- To avoid degradation of the maximum working pressure setting during the tool's lifetime, the maximum working pressure of the tool must be monitored and limited electronically based on a pressure sensor. Not by a mechanical safety valve which degrades by definition.
- The tool must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery.
- The tool and on-tool charging cord should have a magnetic connector for quick and easy (dis)connection.
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- Tool and battery must be suitable for underwater use. Protection rate battery at least IP67.
- The tool must have a mode selector for different operating modes including a low speed mode for training purposes. By default the tool should start up in high speed performance mode.
- It must be possible to connect the tool via bluetooth to a mobile device (smartphone and/or tablet) for data exchange. An app for Android and IOS should offer realtime data monitoring for tool (pressure, temperature) and battery (SOC, SOH, temperature). The app must have a pressure peak memory function to display the tool's maximum applied pressure during an action. The app must provide the possibility to perform an automated self-check on the tool's drive system (motor-pump performance)
- It must be possible to check the performance of the drive system of the tool by means of diagnostic software on a laptop connected to the tool via USB.
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software on a laptop connected to the tool via USB.
- The charger should indicate the state of health of a battery.
- Certified according to EN13204 and NFPA1936 norm by an independent test institute.

- The tool must be labelled with an NFPA1936 compliance label with identifying mark of the independent test institute.

Specific specs PCT50

- The control handle must be centrally placed at the back of the tool and be accessible over 360 degrees without any obstruction.
- Spreading/squeezing tips should be removable in one piece to avoid risk of losing parts
- Spreading distance more than 14.7 in
- Minimum spreading force according to EN13204 (1 in from the tip) at least 8,992.3 lbf
- Maximum cutting opening at least 12.2 in
- Maximum cutting force not less than 146,126 lbf
- Cutting round bar according to EN13204 not less than 1.4 in
- Cutting capacity according to EN13204 at least category J
- Cutting capacity according to NFPA1936 at least A7 B8 C8 D8 E8 F3
- Maximum pulling force not less than 22,480.9 lbf.
- Maximum squeezing force not less than 19,108.8 lbf.
- The cutting edge must have two elongated grip teeth to prevent materials from being pushed out of the blades and thus/therefore maximizing cutting performance
- Central bolt head and nut mounted with direct contact to steel blades resulting in less blade separation (optimum cutting performance) and flatter design for better access
- To improve durability the blades must be machined from high grade tool steel and not forged
- Aluminium blade holder fitted with a set of steel protection covers to protect the front of the tool from unnecessary damage during the rescue operation
- Maximum working pressure not less than 720 bar

- Weight including battery shall not exceed 45.2 lb
- Weight excluding battery shall not exceed 41.9 lb
- Sound emission at 3.3 ft under full load shall not exceed 73 dB(A)
- Sound emission at 13.1 ft under full load shall not exceed 64 dB(A)
- Permanently fixed 360° carrying handle that functions through 360 degrees around the tool for easy tool handling in any position.
- Dimensions (LxWxH) shall not exceed 35.9x11.1x11.1 in
- To assist the operator and increase safety while working in dark or poorly lit circumstances the carrying handle shall have at least six integrated LED lights powered from the main battery. The LED lights can be turned on or off by means of a switch.

Accessories PCT50

- Set of 2x pulling adapter and 2x spare tips in synthetic carrying box.
- Set of pulling chains of 4.9 and 9.8 ft in synthetic carrying box.
- See also "general Pentheon accessories"

3.4. PCT60

General specs Pentheon

- Twist deadman control mechanism with automatic neutral position. Control handle with a minimum length of 3 in to provide full grip for the operator hand (no finger or thumb control)
- Battery should not be positioned at the back of the tool in order to avoid the risk of not being able to replace an empty battery that got stuck during operation
- The control handle must allow for varying the tool's speed (between low- and high-speed) for optimal speed control during the rescue operation. A rotational resistance within the control handle must be overcome deliberately to run the tool at high speed.
- The hydraulic pump flow and thus speed of the tool must be maximized at every load by a stepless mechatronic system inside the tool and not by means of pressure stages.
- The tool must have an auto start/stop function. The motor/drive system should automatically stop when the tool is not operated or has reached its maximum pressure in order to save battery capacity. The tool should restart by turning the control handle again.
- The tool must be equipped with a temperature management system that monitors and manages the tool and battery temperature to avoid overheating, enabling the tool to be used intensively even in hot weather conditions.
- To avoid degradation of the maximum working pressure setting during the tool's lifetime, the maximum working pressure of the tool must be monitored and limited electronically based on a pressure sensor. Not by a mechanical safety valve which degrades by definition.
- The tool must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery.
- The tool and on-tool charging cord should have a magnetic connector for quick and easy (dis)connection.
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- Tool and battery must be suitable for underwater use. Protection rate battery at least IP67.
- The tool must have a mode selector for different operating modes including a low speed mode for training purposes. By default the tool should start up in high speed performance mode.
- It must be possible to connect the tool via bluetooth to a mobile device (smartphone and/or tablet) for data exchange. An app for Android and IOS should offer realtime data monitoring for tool (pressure, temperature) and battery (SOC, SOH, temperature). The app must have a pressure peak memory function to display the tool's maximum applied pressure during an action. The app must provide the possibility to perform an automated self-check on the tool's drive system (motor-pump performance)
- It must be possible to check the performance of the drive system of the tool by means of diagnostic software on a laptop connected to the tool via USB.
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software on a laptop connected to the tool via USB.
- The charger should indicate the state of health of a battery.
- Certified according to EN13204 and NFPA1936 norm by an independent test institute.

- The tool must be labelled with an NFPA1936 compliance label with identifying mark of the independent test institute.

Specific specs PCT60

- The control handle must be centrally placed at the back of the tool and be accessible over 360 degrees without any obstruction.
- Spreading/squeezing tips should be removable in one piece to avoid risk of losing parts
- Spreading distance more than 18.3 in
- Minimum spreading force according to EN13204 (1 in from the tip) at least 9,891.5 lbf
- Maximum cutting opening at least 15.3 in
- Maximum cutting force not less than 202,328 lbf
- Cutting round bar according to EN13204 not less than 1.5 in
- Cutting capacity according to EN13204 at least category J
- Cutting capacity according to NFPA1936 at least A8 B9 C8 D9 E9 F4
- Maximum pulling force not less than 22,480.9 lbf.
- Maximum squeezing force not less than 19,108.8 lbf.
- The cutting edge must have an elongated grip tooth to prevent materials from being pushed out of the blades and thus/therefore maximizing cutting performance
- Central bolt head and nut mounted with direct contact to steel blades resulting in less blade separation (optimum cutting performance) and flatter design for better access
- To improve durability the blades must be machined from high grade tool steel and not forged
- Aluminium blade holder fitted with a set of steel protection covers to protect the front of the tool from unnecessary damage during the rescue operation
- Maximum working pressure not less than 720 bar

- Weight including battery shall not exceed 51.9 lb
- Weight excluding battery shall not exceed 48.6 lb
- Sound emission at 3.3 ft under full load shall not exceed 74 dB(A)
- Sound emission at 13.1 ft under full load shall not exceed 65 dB(A)
- Permanently fixed 360° carrying handle that functions through 360 degrees around the tool for easy tool handling in any position.
- Dimensions (LxWxH) shall not exceed 40.2x11.1x11.1 in
- To assist the operator and increase safety while working in dark or poorly lit circumstances the carrying handle shall have at least six integrated LED lights powered from the main battery. The LED lights can be turned on or off by means of a switch.

Accessories PCT60

- Set of 2x pulling adapter and 2x spare tips in synthetic carrying box.
- Set of pulling chains of 4.9 and 9.8 ft in synthetic carrying box.
- See also "general Pentheon accessories"

4. Telescopic Rams

4.1. PTR40

General specs Pentheon

- Twist deadman control mechanism with automatic neutral position. Control handle with a minimum length of 3 in to provide full grip for the operator hand (no finger or thumb control)
- Battery should not be positioned at the back of the tool in order to avoid the risk of not being able to replace an empty battery that got stuck during operation
- The control handle must allow for varying the tool's speed (between low- and high-speed) for optimal speed control during the rescue operation. A rotational resistance within the control handle must be overcome deliberately to run the tool at high speed.
- The hydraulic pump flow and thus speed of the tool must be maximized at every load by a stepless mechatronic system inside the tool and not by means of pressure stages.
- The tool must have an auto start/stop function. The motor/drive system should automatically stop when the tool is not operated or has reached its maximum pressure in order to save battery capacity. The tool should restart by turning the control handle again.
- The tool must be equipped with a temperature management system that monitors and manages the tool and battery temperature to avoid overheating, enabling the tool to be used intensively even in hot weather conditions.
- To avoid degradation of the maximum working pressure setting during the tool's lifetime, the maximum working pressure of the tool must be monitored and limited electronically based on a pressure sensor. Not by a mechanical safety valve which degrades by definition.
- The tool must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery.
- The tool and on-tool charging cord should have a magnetic connector for quick and easy (dis)connection.
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- Tool and battery must be suitable for underwater use. Protection rate battery at least IP67.
- The tool must have a mode selector for different operating modes including a low speed mode for training purposes. By default the tool should start up in high speed performance mode.
- It must be possible to connect the tool via bluetooth to a mobile device (smartphone and/or tablet) for data exchange. An app for Android and IOS should offer realtime data monitoring for tool (pressure, temperature) and battery (SOC, SOH, temperature). The app must have a pressure peak memory function to display the tool's maximum applied pressure during an action. The app must provide the possibility to perform an automated self-check on the tool's drive system (motor-pump performance)
- It must be possible to check the performance of the drive system of the tool by means of diagnostic software on a laptop connected to the tool via USB.
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software on a laptop connected to the tool via USB.
- The charger should indicate the state of health of a battery.

- Certified according to EN13204 and NFPA1936 norm by an independent test institute.
- The tool must be labelled with an NFPA1936 compliance label with identifying mark of the independent test institute.

Specific specs PTR40

- The control handle must be placed perpendicular to the cylinder of the tool and be accessible over 360 degrees without any obstruction.
- Pushing stroke first plunger not less than 8.2 in
- Pushing stroke second plunger not less than 7.4 in
- Total stroke not less than 15.7 in
- Retracted length not more than 15.2 in
- Extended length not less than 30.9 in
- Extended length with extension pipe not less than 48.2 in
- Maximum pushing force first plunger not less than 30,349.2 lbf
- Maximum pushing force second plunger not less than 14,612.6 lbf
- Maximum working pressure not less than 540 bar.
- Ram head equipped with integrated laser that marks the ramming spot for first time right positioning.
- it must be possible to install an extension pipe without having to remove a ram head

- Weight including battery shall not exceed 34.2 lb.
- Weight excluding battery shall not exceed 30.9 lb.
- Dimensions inclusive battery (LxWxH) shall not exceed 15.2x10.3x17.8 in.
- Sound emission at 3.3 ft under full load shall not exceed 75 dB(A)
- Sound emission at 13.1 ft under full load shall not exceed 66 dB(A)
- To assist the operator and increase safety while working in dark or poorly lit circumstances the carrying handle shall have at least six integrated LED lights powered from the main battery illuminating both the plunger and the base side of the ram. The LED lights can be turned on or off by means of a switch.
- Double carrying handle for easy tool placement at both sides of the car and easy handling of the ram inside the car.

Accessories PTR40

- Extension pipe 8.7 in with automatic lock system. Unlocking by pushing a button.
- Extension pipe 17.3 in with automatic lock system. Unlocking by pushing a button.
- Set of 2 cross ram supports to provide a solid base during cross ramming on vehicles in order to prevent the ram from pushing through the car construction.
- Ram support for use on the rocker channel and B-pillar of a car to provide a solid platform for a ram.
- See also "general Pentheon accessories"

4.2. PTR50

General specs Pentheon

- Twist deadman control mechanism with automatic neutral position. Control handle with a minimum length of 3 in to provide full grip for the operator hand (no finger or thumb control)
- Battery should not be positioned at the back of the tool in order to avoid the risk of not being able to replace an empty battery that got stuck during operation
- The control handle must allow for varying the tool's speed (between low- and high-speed) for optimal speed control during the rescue operation. A rotational resistance within the control handle must be overcome deliberately to run the tool at high speed.
- The hydraulic pump flow and thus speed of the tool must be maximized at every load by a stepless mechatronic system inside the tool and not by means of pressure stages.
- The tool must have an auto start/stop function. The motor/drive system should automatically stop when the tool is not operated or has reached its maximum pressure in order to save battery capacity. The tool should restart by turning the control handle again.
- The tool must be equipped with a temperature management system that monitors and manages the tool and battery temperature to avoid overheating, enabling the tool to be used intensively even in hot weather conditions.
- To avoid degradation of the maximum working pressure setting during the tool's lifetime, the maximum working pressure of the tool must be monitored and limited electronically based on a pressure sensor. Not by a mechanical safety valve which degrades by definition.
- The tool must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery.
- The tool and on-tool charging cord should have a magnetic connector for quick and easy (dis)connection.
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- Tool and battery must be suitable for underwater use. Protection rate battery at least IP67.
- The tool must have a mode selector for different operating modes including a low speed mode for training purposes. By default the tool should start up in high speed performance mode.
- It must be possible to connect the tool via bluetooth to a mobile device (smartphone and/or tablet) for data exchange. An app for Android and IOS should offer realtime data monitoring for tool (pressure, temperature) and battery (SOC, SOH, temperature). The app must have a pressure peak memory function to display the tool's maximum applied pressure during an action. The app must provide the possibility to perform an automated self-check on the tool's drive system (motor-pump performance)
- It must be possible to check the performance of the drive system of the tool by means of diagnostic software on a laptop connected to the tool via USB.
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software on a laptop connected to the tool via USB.
- The charger should indicate the state of health of a battery.
- Certified according to EN13204 and NFPA1936 norm by an independent test institute.

- The tool must be labelled with an NFPA1936 compliance label with identifying mark of the independent test institute.

Specific specs PTR50

- The control handle must be placed perpendicular to the cylinder of the tool and be accessible over 360 degrees without any obstruction.
- Pushing stroke first plunger not less than 15.9 in
- Pushing stroke second plunger not less than 14.9 in
- Total stroke not less than 30.9 in
- Retracted length not more than 22.9 in
- Extended length not less than 53.7 in
- Extended length with extension pipe not less than 70.8 in
- Maximum pushing force first plunger not less than 30,349.2 lbf
- Maximum pushing force second plunger not less than 14,612.6 lbf
- Maximum working pressure not less than 540 bar.
- Ram head equipped with integrated laser that marks the ramming spot for first time right positioning.
- it must be possible to install an extension pipe without having to remove a ram head

- Weight including battery shall not exceed 46.3 lb
- Weight excluding battery shall not exceed 43 lb
- Dimensions inclusive battery (LxWxH) shall not exceed 22.9x10.3x17.8 in.
- Sound emission at 3.3 ft under full load shall not exceed 75 dB(A)
- Sound emission at 13.1 ft under full load shall not exceed 66 dB(A)
- To assist the operator and increase safety while working in dark or poorly lit circumstances the carrying handle shall have at least six integrated LED lights powered from the main battery illuminating both the plunger and the base side of the ram. The LED lights can be turned on or off by means of a switch.
- Double carrying handle for easy tool placement at both sides of the car and easy handling of the ram inside the car.

Accessories PTR50

- Extension pipe 8.7 in with automatic lock system. Unlocking by pushing a button.
- Extension pipe 17.3 in with automatic lock system. Unlocking by pushing a button.
- Set of 2 cross ram supports to provide a solid base during cross ramming on vehicles in order to prevent the ram from pushing through the car construction.
- Ram support for use on the rocker channel and B-pillar of a car to provide a solid platform for a ram.
- See also "general Pentheon accessories"

5. Rams

5.1. PRA40

General specs Pentheon

- Twist deadman control mechanism with automatic neutral position. Control handle with a minimum length of 3 in to provide full grip for the operator hand (no finger or thumb control)
- Battery should not be positioned at the back of the tool in order to avoid the risk of not being able to replace an empty battery that got stuck during operation
- The control handle must allow for varying the tool's speed (between low- and high-speed) for optimal speed control during the rescue operation. A rotational resistance within the control handle must be overcome deliberately to run the tool at high speed.
- The hydraulic pump flow and thus speed of the tool must be maximized at every load by a stepless mechatronic system inside the tool and not by means of pressure stages.
- The tool must have an auto start/stop function. The motor/drive system should automatically stop when the tool is not operated or has reached its maximum pressure in order to save battery capacity. The tool should restart by turning the control handle again.
- The tool must be equipped with a temperature management system that monitors and manages the tool and battery temperature to avoid overheating, enabling the tool to be used intensively even in hot weather conditions.
- To avoid degradation of the maximum working pressure setting during the tool's lifetime, the maximum working pressure of the tool must be monitored and limited electronically based on a pressure sensor. Not by a mechanical safety valve which degrades by definition.
- The tool must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery.
- The tool and on-tool charging cord should have a magnetic connector for quick and easy (dis)connection.
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- Tool and battery must be suitable for underwater use. Protection rate battery at least IP67.
- The tool must have a mode selector for different operating modes including a low speed mode for training purposes. By default the tool should start up in high speed performance mode.
- It must be possible to connect the tool via bluetooth to a mobile device (smartphone and/or tablet) for data exchange. An app for Android and IOS should offer realtime data monitoring for tool (pressure, temperature) and battery (SOC, SOH, temperature). The app must have a pressure peak memory function to display the tool's maximum applied pressure during an action. The app must provide the possibility to perform an automated self-check on the tool's drive system (motor-pump performance)
- It must be possible to check the performance of the drive system of the tool by means of diagnostic software on a laptop connected to the tool via USB.
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software on a laptop connected to the tool via USB.

- The charger should indicate the state of health of a battery.
- Certified according to EN13204 and NFPA1936 norm by an independent test institute.
- The tool must be labelled with an NFPA1936 compliance label with identifying mark of the independent test institute.

Specific specs PRA40

- The control handle must be placed perpendicular to the cylinder of the tool and be accessible over 360 degrees without any obstruction.
- Pushing stroke not less than 8.2 in
- Retracted length not more than 15.4 in
- Extended length not less than 23.6 in
- Extended length with extension pipe not less than 40.9 in
- Maximum pushing force not less than 30,349.2 lbf
- Maximum working pressure not less than 540 bar.
- Ram head equipped with integrated laser that marks the ramming spot for first time right positioning.
- it must be possible to install an extension pipe without having to remove a ram head

- Weight including battery shall not exceed 32 lb
- Weight excluding battery shall not exceed 28.7 lb
- Dimensions inclusive battery (LxWxH) shall not exceed 15.4x10.3x17.8 in
- Sound emission at 3.3 ft under full load shall not exceed 75 dB(A)
- Sound emission at 13.1 ft under full load shall not exceed 66 dB(A)
- To assist the operator and increase safety while working in dark or poorly lit circumstances the carrying handle shall have at least six integrated LED lights powered from the main battery illuminating both the plunger and the base side of the ram. The LED lights can be turned on or off by means of a switch.
- Double carrying handle for easy tool placement at both sides of the car and easy handling of the ram inside the car.

Accessories PRA40

- Extension pipe 8.7 in with automatic lock system. Unlocking by pushing a button.
- Extension pipe 17.3 in mm with automatic lock system. Unlocking by pushing a button.
- Set of 2 cross ram supports to provide a solid base during cross ramming on vehicles in order to prevent the ram from pushing through the car construction.
- Ram support for use on the rocker channel and B-pillar of a car to provide a solid platform for a ram.
- See also "general Pentheon accessories"

5.2. PRA50

General specs Pentheon

- Twist deadman control mechanism with automatic neutral position. Control handle with a minimum length of 3 in to provide full grip for the operator hand (no finger or thumb control)
- Battery should not be positioned at the back of the tool in order to avoid the risk of not being able to replace an empty battery that got stuck during operation
- The control handle must allow for varying the tool's speed (between low- and high-speed) for optimal speed control during the rescue operation. A rotational resistance within the control handle must be overcome deliberately to run the tool at high speed.
- The hydraulic pump flow and thus speed of the tool must be maximized at every load by a stepless mechatronic system inside the tool and not by means of pressure stages.
- The tool must have an auto start/stop function. The motor/drive system should automatically stop when the tool is not operated or has reached its maximum pressure in order to save battery capacity. The tool should restart by turning the control handle again.
- The tool must be equipped with a temperature management system that monitors and manages the tool and battery temperature to avoid overheating, enabling the tool to be used intensively even in hot weather conditions.
- To avoid degradation of the maximum working pressure setting during the tool's lifetime, the maximum working pressure of the tool must be monitored and limited electronically based on a pressure sensor. Not by a mechanical safety valve which degrades by definition.
- The tool must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery.
- The tool and on-tool charging cord should have a magnetic connector for quick and easy (dis)connection.
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- Tool and battery must be suitable for underwater use. Protection rate battery at least IP67.
- The tool must have a mode selector for different operating modes including a low speed mode for training purposes. By default the tool should start up in high speed performance mode.
- It must be possible to connect the tool via bluetooth to a mobile device (smartphone and/or tablet) for data exchange. An app for Android and IOS should offer realtime data monitoring for tool (pressure, temperature) and battery (SOC, SOH, temperature). The app must have a pressure peak memory function to display the tool's maximum applied pressure during an action. The app must provide the possibility to perform an automated self-check on the tool's drive system (motor-pump performance)
- It must be possible to check the performance of the drive system of the tool by means of diagnostic software on a laptop connected to the tool via USB.
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software on a laptop connected to the tool via USB.
- The charger should indicate the state of health of a battery.
- Certified according to EN13204 and NFPA1936 norm by an independent test institute.

- The tool must be labelled with an NFPA1936 compliance label with identifying mark of the independent test institute.

Specific specs PRA50

- The control handle must be placed perpendicular to the cylinder of the tool and be accessible over 360 degrees without any obstruction.
- Pushing stroke not less than 15.9 in
- Retracted length not more than 22.9 in
- Extended length not less than 38.7 in
- Extended length with extension pipe not less than 56.1 in
- Maximum pushing force not less than 30,349.2 lbf
- Maximum working pressure not less than 540 bar.
- Ram head equipped with integrated laser that marks the ramming spot for first time right positioning.
- it must be possible to install an extension pipe without having to remove a ram head

- Weight including battery shall not exceed 41.9 lb.
- Weight excluding battery shall not exceed 38.6 lb.
- Dimensions inclusive battery (LxWxH) shall not exceed 22.9x10.3x17.8 in.
- Sound emission at 3.3 ft under full load shall not exceed 77 dB(A)
- Sound emission at 31.1 ft under full load shall not exceed 68 dB(A)
- To assist the operator and increase safety while working in dark or poorly lit circumstances the carrying handle shall have at least six integrated LED lights powered from the main battery illuminating both the plunger and the base side of the ram. The LED lights can be turned on or off by means of a switch.
- Double carrying handle for easy tool placement at both sides of the car and easy handling of the ram inside the car.

Accessories PRA50

- Extension pipe 8.7 in with automatic lock system. Unlocking by pushing a button.
- Extension pipe 17.3 in with automatic lock system. Unlocking by pushing a button.
- Set of 2 cross ram supports to provide a solid base during cross ramming on vehicles in order to prevent the ram from pushing through the car construction.
- Ram support for use on the rocker channel and B-pillar of a car to provide a solid platform for a ram.
- See also "general Pentheon accessories"

6. General Pentheon accessories

6.1. Battery

- Suitable for under water use. Protection rate IP67
- It must be possible to charge the battery mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery
- It must be possible to read out detailed state of health percentage of the battery by means of diagnostic software.
- Battery charging time with AC charger max 60 minutes
- Continuous feedback on state of charge on SOC display on the battery
- Battery capacity 7Ah
- Battery type Li-Ion
- Voltage 28 VDC
- Energy 176Wh

6.2. Charger AC (mains)

- charging time for a 7Ah battery is max 60 minutes
- Power 300W
- The charger must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- It must be possible to connect 3 AC battery chargers in sequence to power the 3 chargers from one outlet.
- The charger should indicate the state of health of a battery.
- Mains voltage 100-240 VAC
- Mains frequency 50-60 Hz

6.3. Charger DC (car/truck)

- Power 73W
- The charger must have an on-tool charge function. Possibility to charge the battery while mounted and connected to the tool to make sure the tool is always ready for use, equipped with battery
- The charger should be able to charge the battery on a tool and an extra battery on the charger without the need to swap these batteries.
- The charger should indicate the state of health of a battery.
- DC supply voltage 12-24 VDC

6.4. Mains power connector

- A power cord to power the tool from the mains to have a back-up solution in case all batteries are empty.
- tool cable length 11.5 ft
- mains cable length 32 ft

6.5. On-tool charging cord

- Cable to connect the tool to the charger for battery charging, so the battery can be charged while it remains on the tool. No need to take the battery of.
- magnetic connector for quick and easy (dis)connection to the tool.

- Length 2m

6.6. Tool diagnostics cord

- Cable to connect the tool to a pc or laptop for battery and tool diagnostics through diagnostics software.
- magnetic connector for quick and easy (dis)connection to the tool.
- Length 12.6 ft

6.7. Battery diagnostics tool

- Docking station to connect a battery to a tool diagnostics cord for easy checking multiple batteries in a row through diagnostics software on a laptop or pc.

RISK MANAGEMENT PROVISIONS
INSURANCE AND INDEMNIFICATION

INDEMNIFICATION AND HOLD HARMLESS PROVISION

(1) It is understood and agreed by the parties that Contractor 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 Contractor or its employees, agents, servants, owners, principals, licensees, assigns or subcontractors of any tier (hereinafter "CONTRACTOR") 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) CONTRACTOR 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 CONTRACTOR'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 CONTRACTOR; 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, CONTRACTOR 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. CONTRACTOR acknowledges and agrees that LFUCG is unable to provide indemnity or otherwise save, hold harmless, or defend the CONTRACTOR in any manner.

FINANCIAL RESPONSIBILITY

BIDDER/CONTRACTOR understands and agrees that it shall, prior to final acceptance of its bid and the commencement of any work, demonstrate the ability to assure compliance with the above Indemnity provisions and these other risk management provisions.

INSURANCE REQUIREMENTS

YOUR ATTENTION IS DIRECTED TO THE INSURANCE REQUIREMENTS BELOW, AAND 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, YOU MAY BE DISQUALIFIED FROM AWARD OF THE CONTRACT.

Required Insurance Coverage

BIDDER/CONTRACTOR 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 hereunder by CONTRACTOR. The cost of such insurance shall be included in any bid:

Coverage	**Limits**
General Liability (Insurance Services Office Form CG 00 01)	$1 million per occurrence, $2 million aggregate or $2 million combined single limit
Commercial Automobile Liability (Insurance Services Office Form CA 0001)	combined single, $1 million per occurrence
Worker's Compensation	Statutory
Employer's Liability	$100,000.00
Excess/Umbrella Liability	$1 million per occurrence

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 (DOI). LFUCG shall be named as an additional insured in the General Liability Policy and 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 a Products and Completed Operations endorsement or Premises and Operations Liability endorsement unless deemed not to apply by LFUCG.

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 BIDDER/CONTRACTOR'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. If BIDDER/CONTRACTOR satisfies any portion of the insurance requirements through deductibles, self-insurance programs, or self-insured retentions, BIDDER/CONTRACTOR agrees to provide Lexington-Fayette Urban County Government, Division of Risk Management, the following data prior to the final acceptance of bid and the commencement of any work:

a. Latest audited financial statement, including auditor's notes.

b. Any records of any self-insured trust fund plan or policy and related accounting statements.

c. Actuarial funding reports or retained losses.

d. Risk Management Manual or a description of the self-insurance and risk management program.

e. A claim loss run summary for the previous five (5) years.

f. Self-Insured Associations will be considered.

Safety and Loss Control

CONTRACTOR 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

BIDDER/CONTRACTOR 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

CONTRACTOR 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

BIDDER/CONTRACTOR understands and agrees that the failure to comply with any of these insurance, safety, or loss control provisions shall constitute 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 BIDDER/CONTRACTOR for any such insurance premiums purchased, or suspending or terminating the work.

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