

April 29, 2024

Subject: Invitation to Bid 2409-B: Heavy Rescue Apparatus

Gentlemen/Ladies:

Fayette County, Georgia invites you to submit a bid for the manufacture of a Fire/EMS heavy rescue apparatus. You are invited to submit a bid in accordance with the information contained herein.

A pre-bid conference will be held 10:00 a.m., Friday, May 17, 2024, at Fire and EMS Headquarters, 140 Stonewall Avenue West, Suite 214, Fayetteville, GA 30214. You are invited and encouraged to attend, as this will be an opportunity for you to become more familiar with the project, and to ask questions.

Questions concerning this Invitation to Bid should be addressed to Natasha M. Duggan in writing via email to nduggan@fayettecountyga.gov or fax to (770) 719-5534. **Questions will be accepted until 2:00 p.m., Wednesday, May 29, 2024.**

Purchasing Department office hours are Monday through Friday 8:00 a.m. to 5:00 p.m. The office telephone number is (770) 305-5420.

Please return your response to the following address:

Fayette County Purchasing Department
140 Stonewall Avenue West, Suite 204
Fayetteville, Georgia 30214

Bid Number: 2409-B
Bid Name: *Heavy Rescue Apparatus*

Your envelope *must* be sealed and should show your company's name and address.

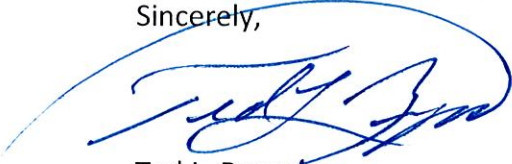
Bids will be received at the above address until 2:00 p.m., Thursday, June 20, 2024, in the Purchasing Department, Suite 204. Bids will be opened at that time.

Bids must be signed to be considered. Late bids cannot be considered. Faxed bids or emailed bids cannot be considered.

If you download this Invitation to Bid from the County's web site, it will be your responsibility to check the web site for any addenda that might be issued for this solicitation. The County cannot not be responsible for a vendor not receiving information provided in any addendum.

Thank you for participating in the solicitation process.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ted L. Burgess", enclosed within a blue oval scribble.

Ted L. Burgess
Chief Procurement Officer

GENERAL TERMS AND CONDITIONS
ITB 2409-B: Heavy Rescue Apparatus

1. **Definitions:**
 - a. **Bidder:** A company or individual who submits a bid in response to this Invitation to Bid.
 - b. **Successful Bidder:** The company or individual that is awarded a contract.
 - c. **Contractor:** The Successful Bidder, upon execution of the contract.
 - d. **County:** Fayette County, Georgia.

2. **Bid is Offer to Contract:** Each bid constitutes an offer to become legally bound to a contract with the County, incorporating the Invitation to Bid and the Bidder's bid. The binding offer includes compliance with all terms, conditions, special conditions, specifications, and requirements stated in the Invitation to Bid, except to the extent that a Bidder takes written exception to such provisions, and the County agrees to the exception. All such terms, conditions, special conditions, specifications, and requirements will form the basis of the contract. The Bidder should take care to answer all questions and provide all requested information, and to note any exceptions in the bid submission. Failure to observe any of the instructions or conditions in this Invitation to Bid may result in rejection of the bid.

3. **Binding Offer:** To allow sufficient time for a contract to be awarded, each bid shall constitute a firm offer that is binding for ninety (90) days from the date of the bid opening to the date of award.

4. **Bidder's Questions:** As appropriate, the County will post answers to questions and/or other information concerning the Invitation to Bid in the form of an addendum on the County's website at www.fayettecountyga.gov. It is the responsibility of the prospective Bidder to check the website for any addenda issued for this Invitation to Bid.

5. **References:** Include with your bid a minimum of five separate agencies which have purchased five vehicles similar to the vehicle specified herein, within the last three years in this Invitation to Bid on the form provided. Include all information as requested on the *Proof of Ability to Manufacture Offered Type of Vehicle* form provided.

6. **Bid Submission:** Submit your bid, along with any addenda issued by the County, in a *sealed* opaque envelope. Mail or deliver one (1) original bid, signed in ink by a company official authorized to make a legal and binding offer, and one (1) copy on a flash drive, to:

Fayette County Government
Purchasing Department
140 Stonewall Avenue West, Suite 204
Fayetteville, GA 30214

Bid Number: *2409-B*
Bid Name: *Heavy Rescue Apparatus*

Also show your company name on the envelope. You may submit sealed bids in person, by U.S. mail, or by a commercial carrier. Do not submit bids by facsimile, e-mail, or other electronic means. Once submitted, all bids become the property of Fayette County.

7. **Bid Preparation Costs:** The Bidder shall bear all costs associated with preparing the bid.
8. **Late Bids:** Bids not received in the Purchasing Department by the time and date of the scheduled bid opening will not be considered.
9. **More than One Bid:** Do not submit alternate bids or options, unless requested or authorized by the County in the Invitation to Bid. If a responder submits more than one bid without being requested or authorized to do so, the County may disqualify the bids from that responder, at the County's option.
10. **Bid Corrections or Withdrawals:** The Bidder may correct a mistake, or withdraw a bid, before the bid opening by sending written notification to the Director of Purchasing. Bids may be withdrawn after the bid opening only with written authorization from the Director of Purchasing.
11. **Defects or Irregularities in Bids:** The County reserves the right to waive any defect or irregularity in any bid received. In case of a discrepancy between unit prices and extended prices, the unit price will govern unless the facts or other considerations indicate another basis for correction of the discrepancy.
12. **Prices Held Firm:** Prices bid shall be firm for the period of the contract, unless otherwise specified in the contract. All prices bid for commodities, supplies, equipment, or other products shall be quoted FOB Destination, Fayette County or job site.

13. **Brand Name:** If items in this Invitation to Bid have been identified, described or referenced by a brand name or trade name description, such identification is intended to be descriptive, but not restrictive and is to indicate the quality and characteristics of products that may be offered. Alternative products may be considered for award if clearly identified in the bid. Items offered must meet required specifications and must be of a quality which will adequately serve the use and purpose for which intended.
14. **Bidder Substitutions:** Bidders offering substitutions or deviations from specifications stated in the Invitation to Bid sheet provided, or on a separate sheet to be submitted with the bid. The absence of such list shall indicate that the Bidder has taken no exception to the specifications. The evaluation of bids and the determination as to equality and acceptability of products or services offered shall at the discretion of the County.
15. **Non-Collusion:** By responding to this Invitation to Bid, the Bidder represents that the bid is not made in connection with any competing Bidder, supplier, or service provider submitting a separate response to this Invitation to Bid and is in all respects fair and without collusion or fraud.
16. **Bid Evaluation:** Award will be made to the lowest responsive, responsible Bidder, taking into consideration payment terms, vendor qualifications and experience, quality, references, any exceptions listed, and/or other factors deemed relevant in making the award. The County may make such investigation as it deems necessary to determine the ability of the Bidder to perform, and the Bidder shall furnish to the County all information and data for this purpose as the County may request. The County reserves the right to reject any bid item, any bid, or all bids, and to re-advertise for bids.
17. **Payment Terms and Discounts:** The County's standard payment terms are Net 30. Any deviation from standard payment terms must be specified in the resulting contract, and both parties must agree on such deviation. Cash discounts offered will be a consideration in awarding the bid, but only if they give the County at least 15 days from receipt of invoice to pay. For taking discounts, time will be computed from the date of invoice acceptance by the County, or the date a correct invoice is received, whichever is the later date. Payment is deemed made, for the purpose of earning the discount, on the date of the check.
18. **Trade Secrets – Confidentiality:** If any person or entity submits a bid or proposal that contains trade secrets, an affidavit shall be included with the bid or proposal. The affidavit shall declare the specific included information which constitutes trade secrets. Any trade secrets must be either (1) placed in a separate envelope, clearly identified and marked as such, or (2) at a minimum, marked in the affidavit or an attached document explaining exactly where such information is, and otherwise marked, highlighted, or made plainly visible. See O.C.G.A. § 50-18-72 (A)(34).

19. **Trade Secrets – Internal Use:** In submitting a bid, the bidder agrees that the County may reveal any trade secret materials contained in the bid to all County staff and officials involved in the selection process, and to any outside consultant or other third parties who may assist in the selection process. The bidder agrees to hold harmless the County and each of its officers, employees, and agents from all costs, damages, and expenses incurred in connection with refusing to disclose any material which the bidder has designated as a trade secret.

20. **Ethics – Disclosure of Relationships:** Before a proposed contract in excess of \$10,000.00 is recommended for award to the Board of Commissioners or the County Administrator, or before the County renews, extends, or otherwise modifies a contract after it has been awarded, the Contractor must disclose certain relationships with any County Commissioner or County Official, or their spouse, mother, father, grandparent, brother, sister, son or daughter related by blood, adoption, or marriage (including in-laws). A relationship that must be reported exists if any of these individuals is a director, officer, partner, or employee, or has a substantial financial interest in the business, as described in Fayette County Ordinance Chapter 2, Article IV, Division 3 (Code of Ethics).

If such relationship exists between your company and any individual mentioned above, relevant information must be presented in the form of a written letter to the Director of Purchasing. You must include the letter with any bid, proposal, or price quote you submit to the Purchasing Department.

In the event that a Contractor fails to comply with this requirement, the County will take action as appropriate to the situation, which may include actions up to and including rejection of the bid or offer, cancellation of the contract in question, or debarment or suspension from award of a County contract for a period of up to three years.

21. **Contract Execution & Notice to Proceed:** After the Board of Commissioners makes an award, all required documents are received by the County, and the contract is fully executed with signature of both parties, the County will issue a written Notice to Proceed. The County shall not be liable for payment of any work done or any costs incurred by any bidder prior to the County issuing the Notice to Proceed.

22. **Unavailability of Funds:** This contract will terminate immediately and absolutely at such time as appropriated and otherwise unobligated funds are no longer available to satisfy the obligations of the County under the contract.

23. **Insurance:** The Successful Bidder shall procure and maintain the following insurance, to be in effect throughout the term of the contract, in at least the amounts and limits as follows:

- a. **General Liability Insurance:** \$1,000,000 combined single limit per occurrence, including bodily and personal injury, destruction of property, and contractual liability.
- b. **Automobile Liability Insurance:** \$1,000,000 combined single limit each occurrence, including bodily injury and property damage liability.
- c. **Worker's Compensation & Employer's Liability Insurance:** Workers Compensation as required by Georgia statute.

Before a contract with the Successful Bidder is executed, the Successful Bidder shall provide Certificates of Insurance for all required coverage. The Successful Bidder can provide the Certificate of Insurance after award of the contract but must be provided prior to execution of the contract document by both parties. The certificate shall list an additional insured as follows:

Fayette County, Georgia
140 Stonewall Avenue West
Fayetteville, GA 30214

24. **Bid Bond:** Bidder shall include a bid bond with your bid, equal to five percent (5%) of the total amount bid. Bid bonds shall be provided by a surety which appears on the U.S. Treasury's list of approved bond sureties (Circular 570).
25. **Performance and Payment Bonds:** Prior to execution of a contract, the Successful Bidder shall submit performance and payment bonds each equal to 100 percent of the contract value, provided by a surety which appears on the U.S. Treasury's list of approved bond sureties (Circular 570).
26. **Unauthorized Performance:** The County will not compensate the Contractor for work performed unless the work is authorized under the contract, as initially executed, or as amended.
27. **Assignment of Contract:** Assignment of any contract resulting from this Invitation to Bid will not be authorized, except with express written authorization from the County.

28. **Indemnification:** The Contractor shall indemnify and save the County and all its officers, agents and employees harmless from all suits, actions, or other claims of any character, name and description brought for or on account of any damages, losses, or expenses to the extent caused by or resulting from the negligence, recklessness, or intentionally wrongful conduct of the Contractor or other persons employed or utilized by the Contractor in the performance of the contract. The Contractor shall pay any judgment with cost which may be obtained against the County growing out of such damages, losses, or expenses.
29. **Severability:** The invalidity of one or more of the phrases, sentences, clauses or sections contained in the contract shall not affect the validity of the remaining portion of the contract. If any provision of the contract is held to be unenforceable, then both parties shall be relieved of all obligations arising under such provision to the extent that the provision is unenforceable. In such case, the contract shall be deemed amended to the extent necessary to make it enforceable while preserving its intent.
30. **Delivery Failures:** If the Contractor fails to deliver contracted goods or services within the time specified in the contract or fails to replace rejected items in a timely manner, the County shall have authority to make open-market purchases of comparable goods or services. The County shall have the right to invoice the Contractor for any excess expenses incurred or deduct such amount from monies owed the Contractor. Such purchases shall be deducted from contracted quantities.
31. **Substitution of Contracted Items:** The Contractor shall be obligated to deliver products awarded in this contract in accordance with terms and conditions specified herein. If the Contractor is unable to deliver the products under the contract, it shall be the Contractor's responsibility to obtain prior approval of the ordering agency to deliver an acceptable substitute at the same price quoted in the Contractor's original bid. In the event the Contractor consistently needs to substitute or refuses to substitute products, the County reserves the right to terminate the contract or invoke the "Delivery Failures" clause stated herein.
32. **Inspection and Acceptance of Deliveries:** The County reserves the right to inspect all goods and products delivered. The County will decide whether to accept or reject items delivered. The inspection shall be conclusive except with respect to latent defects, fraud, or such gross mistakes as shall amount to fraud. Final inspection resulting in acceptance or rejection of the products will be made as soon as practicable, but failure to inspect shall not be construed as a waiver by the County to claim reimbursement or damages for such products which are later found to be in non-conformance with specifications. Should public necessity demand it, the County reserves the right to use or consume articles delivered which are substandard in quality, subject to an adjustment in price to be determined by the Purchasing Director.

33. **Termination for Cause:** The County may terminate the contract for cause by sending written notice to the Contractor of the Contractor's default in the performance of any term of this agreement. As appropriate, the County will compensate the Contractor for completed performance, and for any partially completed performance as determined by the County to be adequately performed. Termination shall be without prejudice to any of the County's rights or remedies by law.
34. **Termination for Convenience:** The County may terminate the contract for its convenience at any time with 10 days' written notice to the Contractor. In the event of termination for convenience, the County will pay the Contractor for services performed. The County will compensate partially completed performance based upon a signed statement of completion submitted by the Contractor, which shall itemize each element of performance completed.
35. **Force Majeure:** Neither party shall be deemed to be in breach of the contract to the extent that performance of its obligations is delayed, restricted, or prevented by reason of any act of God, natural disaster, act of government, or any other act or condition beyond the reasonable control of the party in question.
36. **Governing Law:** This agreement shall be governed in accordance with the laws of the State of Georgia. The parties agree to submit to the jurisdiction in Georgia, and further agree that any cause of action arising under this agreement shall be required to be brought in the appropriate venue in Fayette County, Georgia.

Checklist of Required Documents

*(Be Sure to Return This Checklist and
the Required Documents in the order listed below)*

ITB 2409-B: Heavy Rescue Apparatus

Company information – on the form provided _____

Contractor Affidavit under O.C.G.A. § 13-10-91(b)(1) _____

Approval Drawings _____

Pricing sheet* _____

Bid Bond* _____

List of exceptions, if any – on the form provided _____

Proof of Ability to Manufacture Offered Type of Vehicle
on form provided _____

Warranty Terms – on the form provided _____

ISO 9001:2015 Certificate _____

Addenda signed, if any are issued _____

***FAILURE TO INCLUDE THIS ITEM WILL RESULT IN DISQUALIFICATION**

COMPANY NAME: _____

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

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

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

Federal Work Authorization User Identification Number

Date of Authorization

Name of Contractor

2409-B Heavy Rescue Apparatus
Name of Project

Fayette County, Georgia
Name of Public Employer

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

Executed on _____, _____, 2024 in _____ (city), _____ (state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE _____ DAY OF _____, 2024.

NOTARY PUBLIC

My Commission Expires: _____

COMPANY INFORMATION
ITB 2409-B: Heavy Rescue Apparatus

A. COMPANY

Company Name: _____

Physical Address: _____

Mailing Address (if different): _____

Website (if applicable): _____

B. AUTHORIZED REPRESENTATIVE

Signature: _____

Printed or Typed Name: _____

Title: _____

E-mail Address: _____

Phone Number: _____ Fax Number: _____

C. PROJECT CONTACT PERSON

Name: _____

Title: _____

Phone Number: _____

E-mail Address: _____

PROOF OF ABILITY TO MANUFACTURE OFFERED TYPE OF VEHICLE

Invitation to Bid 2409-B: Heavy Rescue Apparatus

Please list of a minimum of five (5) separate agencies which have purchased five (5) vehicles similar to the vehicle specified herein, within the last three (3) years.

1. **Government / Agency Name** _____
City & State _____
Type of Unit: _____
Approximate Delivery Date _____ Quantity Delivered _____
Contact Person & Title _____
Phone _____ Email _____
2. **Government / Agency Name** _____
City & State _____
Type of Unit: _____
Approximate Delivery Date _____ Quantity Delivered _____
Contact Person & Title _____
Phone _____ Email _____
3. **Government / Agency Name** _____
City & State _____
Type of Unit: _____
Approximate Delivery Date _____ Quantity Delivered _____
Contact Person & Title _____
Phone _____ Email _____
4. **Government / Agency Name** _____
City & State _____
Type of Unit: _____
Approximate Delivery Date _____ Quantity Delivered _____
Contact Person & Title _____
Phone _____ Email _____

COMPANY NAME: _____

PROOF OF ABILITY TO MANUFACTURE OFFERED TYPE OF VEHICLE, page 2

Invitation to Bid 2409-B: Heavy Rescue Apparatus

5. Government / Agency Name _____

City & State _____

Type of Unit: _____

Approximate Delivery Date _____ Quantity Delivered _____

Contact Person & Title _____

Phone _____ Email _____

COMPANY NAME: _____

Pricing Sheet
ITB 2409-B: Heavy Rescue Apparatus

Responder agrees to perform all the work described in the Contract documents for the following prices:

Heavy Rescue Apparatus, meeting all requirements, including lettering, specified in this Invitation to Bid	\$
Contingency Fund, shall only be used with prior written approval of the County	\$50,000.00
Total Bid	\$

NOTES:

1. All applicable charges shall be included in your total quoted amount, including but not limited to materials, equipment, installation, labor, and any other amounts. No additional charges will be allowed after the quote received by date.
2. All warranties shall be included in your total bid amount.

List Address of Service Facility within 100 miles of Fayette County:

Phone Number: _____

State apparatus body included in bid (circle one): Stainless Steel OR Aluminum.

State length of time required for delivery of the apparatus from the date of the Notice to Proceed: _____.

State electric power generator kw (8,000 kw minimum): _____

State fuel tank size quoted (minimum 50-gallons): _____

COMPANY NAME _____

SCOPE AND SPECIFICATION
ITB 2409-B: Heavy Rescue Apparatus

Objective, Introduction, and Intent of Specification

These specifications address specific requirements together with certain details as to finish, material preferences, equipment, and appliances with which the successful bidder must conform.

Fayette County has prepared the following specifications and guidelines for the Invitation to Bid for **one (1)** Custom Cab Rescue Body Apparatus for use as a heavy rescue apparatus.

The Bidder shall bear the responsibility of insuring that the elements contained within the specifications are sound, safety conscious, and functional. This apparatus shall meet all current guidelines as established for fire apparatus by the Department of Transportation and the National Fire Protection Association.

All items and components found within this document are currently available by all manufacturers and available on the open market.

Pre-Construction Meeting

A mandatory pre-construction conference will be held with the Contractor and Fayette County personnel prior to construction beginning. This meeting will be scheduled after the award of the contract.

Statement of Need

Fayette County Fire and Emergency Services currently has a dedicated heavy rescue apparatus which has been determined to be within the criteria for replacement and has been evaluated by the Fleet Manager with concurrence for replacement consistent with County policies and procedures for the replacement of vehicles.

Bidder's Responsibility and Qualifications:

The manufacturer of the apparatus shall have an operating factory which is ISO 9001:2015 certified and devoted to the manufacture of the vehicle herein specified. The intent of this section is to ensure single source responsibility for all equipment proposed by the Bidder.

A copy of the manufacturer's certificate of ISO compliance for each manufacturing facility shall be provided with the bid.

It is not the intent of these specifications to call for an unusual or experimental vehicle. Such proposals are not acceptable. Therefore, as proof of the ability to manufacture vehicles of the type called for in these specifications, the Bidder must be able to show that they have

manufactured at least **five** vehicles of the “type” specified herein within the last **three** years. These specifications shall serve as a base specification and are not meant to prevent a manufacturer from exceeding this specification as a part of their normal construction process.

The Bidder shall supply a list of **five** agencies that have purchased similar vehicles. This list will contain the name, contact number, and purchase date of the vehicle.

Completion Inspection

Once the unit reaches 100% completion Fayette County will be notified and arrangements for an inspection confirmed. This inspection will be completed by three representatives from Fayette County. If this inspection takes place more than 300 miles from Fayette County, then transportation shall be by air and shall be paid for by the successful Bidder. Lodging and meals shall be included.

Approval Drawings

Drawings shall be returned with the submission and shall depict the apparatus showing views of the right, left, front, rear, and top. This drawing shall list exact compartment dimensions, wheelbase lengths, overall vehicle length and height, and show where trays, tool boards, and fixed equipment are mounted.

Training

The successful vendor shall provide training for all designated operators upon delivery of the apparatus. This training shall be conducted on three consecutive days, once for each shift. Should training be longer than eight hours then one full week, including a Saturday, shall be provided. This training shall be conducted on site at Fayette County with the actual apparatus purchased.

Warranty

All Bidders shall state the length and terms of warranty of the completed apparatus. The warranty time, miles and hours shall not begin until the vehicle has been delivered to Fayette County and the initial training performed by the vendor is completed. The warranty listing shall be broken down into the apparatus body, chassis, paint, electrical and any additional equipment added. The Bidder shall extend the warranty by one day for each day the apparatus is required to be out of service for warranty repairs beyond 7 days. For example, if the apparatus is out of service for a warranty repair for 30 days, then the original warranty dates for each warranty category shall be extended by 23 days.

State Delivery Time

The Bidder shall state on the *Pricing Sheet* the days required for delivery of the apparatus.

Mechanical Service

This bid requires the successful Bidder to have both a fixed service facility and mobile service capability within 100 miles of Fayette County. The use of Fayette County Fleet Maintenance under contract shall not be considered as having a fixed facility. This service capability shall be available within 24-hours of request at either the fixed location or with mobile service. Once a service request is made a scheduled service call shall be arranged with a factory authorized representative of the manufacturer or the OEM. Any service technician from the manufacturer shall be certified as an Emergency Vehicle Technician. The address and telephone number for meeting these requirements shall be provided with the bid on the *Pricing Sheet*. The vendor shall be responsible to maintain these requirements during the entirety of the warranty on the vehicle.

Contingency Fund

A line item for a contingency fund is included on the *Pricing Sheet*. The purpose of this contingency fund is to manage the change order cost associated with a unique "one off" custom truck build and for the customer needs changing during the extended lead and build time for the vehicle. The contingency fund shall only be used with prior written approval of the County through a Change Order. The County shall not be invoiced for unused contingency funds or contingency funds that were not approved by a written Change Order.

Cab & Chassis Requirements

Custom Cab: Aluminum, four-door fully enclosed, severe duty construction, 12" raised roof from centerline to rear, with electric-over-hydraulic tilt for engine access. Gray interior color.

Two Wheel Drive

Engine: Cummins 500 Horsepower minimum with Engine Compression Brake.

Fuel Tank: Minimum 50-gallon tank.

Heat/ Air Conditioning:

Factory installed. Discharge outlets arranged to efficiently heat and cool the entire cab. A split/dual climate control system for front and rear heat/cool is acceptable.

Transmission: Allison Automatic EVS 4000 5 Speed.

Alternator: 420 Amp with internal rectifier and adjustable regulator.

- Batteries: 5 – Group 31 with 1000 CCA.
- Steering: Full power.
- Mirrors: Retractable model 613423 dual vision, remote controlled, with break-away mounts.
- Tires: Front: Highway steering tread. Rear: All season traction. Bendix in cab Tire Pressure Monitoring System.
- Wheels: Front/Rear sized appropriately for the specified loading of vehicle and equipment. All wheels shall be aluminum.

Axles/Brakes/Suspension:

Axles/Brakes/Suspension sized appropriately for the specified loading of body and equipment. Shock absorbers as appropriate for this application. Brakes on all wheels to be disc brakes rated for the weight of the vehicle and equipment.

- Air Horns: Dual air horns, controlled by foot switches. Switches mounted in the cab floor, one on driver's side, one on officer's side. Air horns to be punched into the front bumper and supplied by the OEM compressor and air storage tank.

- "Q" Siren: A Q wind up mechanical siren shall be mounted inside the front bumper behind a punch out opening. The Q siren and air horns shall both be controlled by separate foot switches mounted on both the driver's side and passenger side cab floor.

- "RotoRay": A Roto Ray LED rotating light shall be provided on the front of the cab. The light assembly shall have three LED lights, two (2) red and one (1) clear that rotate at 200 RPM. It shall be located center of cab below the windshield. A switch shall be provided for activation of the light and shall be wired to de-activate through park brake.

- High Idle: A high idle system shall be installed and controlled by the multi plex system mounted in the cab. The system shall increase the engine speed to a preset RPM for increased alternator output.

- Seating: All seating shall be high-back style, gray in color, of a material suited for the application and equipped with three-point belts.

Driver and Officer shall be air-ride. Officer seating shall be SCBA air-ride seat.

The rear of the cab shall have two rear-facing SCBA seats. SCBA brackets shall meet current NFPA standard.

Cab Dome Lighting:

LED with Red/White option.

Area Scene Lights:

All area scene lights shall be DOT approved.

FireTech 72" 12V scene brow light located across the front of the cab between the top of the windshield and the drip rail. Switch accessible to driver.

FireTech 35" 12V scene brow light located on the driver and passenger side over the rear door. Switch accessible to driver. Driver and passenger sides switched separately.

12V LED area scene lights shall be mounted under the Awning on the side of the vehicle on the driver and passenger side and be controlled by a switch at the light location. The purpose of these lights shall be to provide light for task taking place under a deployed awning.

Cab Roof Accessories:

Fayette County shall provide antennas for mounting during the construction process.

Cab and Body Electrical Options:

A 20-amp auto eject shoreline inlet shall be located by the driver's door. When plugged into shoreline power, this circuit shall supply the vehicle battery charger, the 12-volt distribution block, and three additional outlets.

One outlet in back wall cab shelving and two outlets in the body compartment. These outlets shall be white in color to indicate shoreline power only. Exact outlet mounting location TBD at preconstruction meeting. The shoreline active electrical system shall include a 12-volt distribution block mounted in body compartment.

Battery Charger:

There shall be a 40 AMP Kussmaul Chief Series charger with remote and built in touch screen display installed and connected directly to an auto-eject shoreline plug.

NOTE: The roof generator supplies power to the cord reel and red outlets. Shoreline power shall supply the vehicle battery charger, 12V distribution block and white outlets. There shall not be a transfer switch between the two systems.

Roof Front Center crew's nest shall have a vendor supplied and mounted electric power generator 8,000-kw minimum. The generator shall supply power to a 200' 30-amp rated yellow cord reel mounted with electric rewind. Buyer wants the capability to deploy the cord off the driver or passenger side. An acceptable option is to have the cord reel at the drivers rear inside the coffin box and be deployed out the rear of the vehicle. This decision on cord reel placement to optimize function shall be made at preconstruction. The generator shall also supply power to one outlet mounted inside the cabs back wall shelving system, three outlets mounted in the body compartment, one outlet on each side of the vehicle and one on the rear. These outlets shall all be red in color to indicate "under generator power only".

12-volt outlet: Two 12-volt outlets shall be installed in the officer position of the cab.

Kusmaul USB Dual Port Charger shall be installed in the officer position of the cab.

Multiplex electrical system within cab display, providing in cab diagnostics, seat belt monitoring, notification, and faults, back up camera monitor, control emergency and scene lights and inside the tire style pressure PSI of every tire on display inside the cab.

Dash Mounted Electrical Console:

An electrical switch console shall be designed and mounted in the cab. This console shall blend with the flow of the dash and not take away from and features offered by the OEM.

Air Inlet/Outlet:

One inlet and one outlet shall be provided in the area of the driver's door.

Back-up Alarm:

An electronic back-up alarm shall be supplied. This alarm shall sound a minimum of 97 dB and wired to engage when the transmission of the unit is in reverse.

Hand Hold Bars:

There shall be hand hold bars to the rear of each cab entry door to assist in mounting and dismounting the truck. 18" front/36" Rear. Additionally, there shall be a hand hold/bar type grab handle inside the cab on the driver and officers' side to assist in safely mounting and dismounting the vehicle.

Officer's Speedometer:

There shall be an Officer's Speedometer mounted on the passenger's side of the cab to allow the front seat occupant to view.

Center Console:

There shall be a center console mounted between the cab front seats to provide space for mounting of radios, computers, and general storage of small equipment and books. This console shall integrate into and compliment the electrical console. This console may be integrated in the motor housing.

Map Box: An aluminum map/storage box shall be installed within the cab with drop-down doors with positive latches. This box shall be mounted in the center of the cab between the driver and officer positions.

Back-Up/360° Camera System:

The apparatus shall be supplied with a Back-Up/360° Camera System with bird's eye view capability. The camera shall be mounted on the apparatus body in a manner that shall provide a view of the area behind the apparatus and all corners. The camera system shall engage and transmit to the monitor when the apparatus is placed in reverse, or the blinkers are activated as applicable.

Front Bumper: The front bumper shall be a single piece unit projecting no more than 18" from the front of the cab with angled corners, punch-outs for the electronic siren speaker, the "Q" siren and air horns. Pedestal mounting of the electronic siren speaker or mechanical siren shall not be accepted due to sound encroachment in the cab or vibration.

Fixed winch: A Warn Series Gen 2, minimum 12,000-pound heavy duty rated winch shall be center mounted and recessed in the front bumper with a weatherproof top opening lid access. The winch shall be fully hard wired with rated gauged cables and amperage able to operate the winch. The winch cable shall feed thru the front bumper opening with cable rollers rated for the installed winch.

Portable winch and hitch receivers:

Three (3) weight appropriate rated receiver hitches shall be installed. One on each side, in the area of the rear wheel approximately 36" from the ground and one on the rear of the vehicle. A Warn heavy duty 9000-pound portable winch shall be supplied and mounted to an appropriate weight rated hitch draw bar. The capability shall be for the portable winch to be removed from a vehicle compartment and plugged into an appropriately weight rated receiver hitch on

the driver side, passenger side or rear of vehicle along with the supplied electrical pigtail and plug in. See photos page 12.

Tethered Drone:

A Fotokite Sigma with 150' height or equivalent tethered style drone shall be supplied by the vendor and installed in compartment R3 in the top pull out shelf. Drone capability ONE shall be to pull R3 top shelf out and have the drone deploy from the shelf with power supplied by a pig tail with continuous power supplied from the truck mounted generator. Capability TWO shall be to unplug the truck power pigtail and carry the suitcase style drone to a remote location and deploy it from a location other than the vehicle.

Apparatus Body Requirements

These specifications require a Stainless Steel or Aluminum Rescue Style body. The body configuration shall be four compartments on the left side and four compartments on the right side. The rear of the truck shall have stairs leading to a center walkway with boxed Roof Coffin style storage.

The exterior of the body shall be equipped with an extruded aluminum rub rail. Corners shall be covered with a 90-degree piece of material to join intersecting rails.

Body shall have anodized aluminum roll-up compartment doors, satin finish, with integrated drip pan.

There shall be two NFPA Approved Solid Bottom Wheel Chocks with holders.

Manually deployed and stowed awnings shall be recessed into both the driver's side and passenger side of the vehicle approximately 20' long. Painted to match body. See conceptual picture page 28.

Rope Rescue style Attachment point D-rings shall be mounted to the right and left sides of the body. Two mounts on the right side and two mounts on the left side. The attachment points shall be high on the body and at the front and rear corners.

Cab & Body Paint/ Rear Body Striping:

All surfaces shall be prepped and treated to protect from failures in the painted surface. The use of sealer/primer, base coat and clear coat shall meet current NFPA standards for body painting.

The cab shall be painted **WHITE OVER RED**. The paint break line is the lower windshield line.

The apparatus body shall be **ALL RED**.

Paint Code Red: Sikkens FLNA 3042

Paint Code White: Sikkens FLNA 4006

Fayette County will provide the specifications for lettering style, font and material to the successful Bidder.

The entire rear portion of the body shall have 3M Diamond Grade reflective red and yellow striping installed. The chevron style striping shall be applied at a 45-degree upward angle pointing towards the center upper portion of the rear panel.

Cab Compartments:

The back wall of the interior of the cab shall have wall-to-wall, floor-to-ceiling open shelf storage with webbing style doors 16-to 20-inches deep.

All shelving required shall be mounted on adjustable tracks for individual height adjustment of the shelves.

Provisions for a frame or holder for a mobile command board to be carried into the cab and set up on display for use during an incident shall be included. The exact layout and location of the frame will be decided during the pre-construction meeting.

LED lighting is required inside all compartment's storage. Lighting inside the compartments shall be recessed to not interfere with equipment stored in the compartments. The shelving shall not interfere with this lighting.

NOTE: The two compartments mentioned below and located on Cab R1 and Cab L1 might be adjusted or made taller to include access to cab interior compartments or removed during pre-construction meetings due to manufacturer's design.

Cab L1: 16- to 20-inch wide with an exterior opening hinged door, height determined from bottom of cab body line to level of interior floor.

Cab R1: 16- to 20-inch wide with an exterior opening hinged door, height determined from bottom of cab body line to level of interior floor.

Body Compartments:

All shelving shall be pull out tray style full extension heavy duty 500# rated at full extension and be mounted on adjustable tracks for individual height adjustment of the trays. All pull out trays shall be lined with dry-deck rubberized tiles. All pull out trays and shelves shall have hi-vis reflective markings applied to the sides. Compartments shall be open and transverse, but the pull-out shelves shall be uni-directional or not transverse.

The middle pull-out trays (four of them total) in compartment R1, R2, L1 and L2 shall have a center mounted vertical divider for mounting equipment. Detail, configuration and specs for these vertical dividers to be decided during pre-construction. The general purpose shall be to allow for mounting and organizing of tools.

LED lighting shall be required inside all compartments and roof/Roof Coffin storage and shall be controlled by a door switch or may be constant (to be determined at pre-construction meeting). Lighting inside the compartments shall be recessed to not interfere with equipment stored in the compartments. The shelving shall not interfere with this lighting.

All of these compartments shall have a weatherproof roll up door that opens to three full extension pull out trays. The bottom and middle trays shall deploy level out while the top tray shall be a tilt down style rollout. Middle pull-out trays may be supported by floor extensions as needed for weight rating.

Body R1: Opening width approx. 58" x Opening height approx. 62"

Body R2: Opening width approx. 58" x Opening height approx. 62"

Body R3: Over Rear Wheel: Opening width approx. 58"

Body R4: Opening width approx. 58" x Opening height approx. 62" This compartment shall be divided to hold 48 SCBA cylinders. The openings for the cylinders shall be 7' by 7' square. See conceptual photo page 13.

Body L1: Opening width approx. 58" x Opening height approx. 62"

Body L2: Opening width approx. 58" x Opening height approx. 62"

Body L3: Over Rear Wheel: Opening width 58"

Body L4: Opening width approximately 58". This compartment shall be vertically divided from top to bottom with space for toolbox and pull-out trays forward of the divider and the oil dry dispenser flex tube rear of the divider.

Forward of the divider shall have a 500# pound rated pull-out shelf for hard mounting a mechanics toolbox. The vendor supplied and installed toolbox shall be 42" wide, 22" deep and 42" tall with ball bearing drawer slides and white or red in color such as Harbor Freight US General #70373. The toolbox shall be bolted to the pull-out tray in such a way as to be removable by the customer later. Two truck mounted adjustable height trays above space left from the toolbox.

Roof Compartments:

Roof coffin storage shall be weatherproof, lined with rubber tile dry deck and have lids that hinge open and hold open with shock lift assistance.

LED lighting shall illuminate steps leading to Roof Coffin, Roof Coffin walkway and interior of Roof Coffin boxes and may be constant on.

LED lighting inside the Roof Coffin storage boxes shall be recessed or mounted in such a way to not interfere with storage or removal of equipment.

Roof Coffin Left 1: The length shall be 2/3rds of the available space from the cab to the rear of the vehicle.

Roof Coffin Left 2: This storage box (1/3rd the length of the available space from rear of vehicle to front storage box) shall open to reveal a storage hopper leading to a flexible dispensary tube. The system should be capable of storing oil dry style kitty litter type product and the dispensing of the material should be a lever operated action from the ground inside compartment L4.

Roof Coffin Right 1: The length shall be 2/3rds of the available space from the Front box to the rear of the vehicle.

Roof Coffin Right 2: The length shall be 1/3rd of the available space from the cab to the rear of the vehicle.

Roof access staircase with equipment supplied by vendor: The roof shall be accessed by a central walk-up staircase. Ladder access to the roof shall not be accepted. The roof access staircase shall have rear step kick boards that hinge open to reveal ladder storage or pull-out

drawer storage. The in-step kick board ladder storage should be configured to store one 24' fire service ladder, one 16' roof ladder, one 14' combination ladder, one 10' folding attic ladder and 6 total pike poles sized at two pike poles 3', two pike poles 6', two pike poles 8'. These ladders and pike poles shall be provided by the vendor. Any steps not needed for long storage of ladders and pike poles shall be pull out drawers. The ladder storage should be configured to not intrude on the available storage space inside the body compartments. A beam style ladder storage shall be an acceptable option if flat storage behind the staircase significantly intrudes into the body's main interior compartment storage area. This modification shall be finalized/decided during pre-construction.

"Receiver hitch shall be installed on each side in the area of the rear wheel approximately 36" off the ground" See below picture for conceptual spec of raised hitch receiver.





Grid/square bulk cylinder storage concept for compartment R4 but with additional slots for 48 total cylinders.



This picture shows the recessed awning concept with a cut out at the rear of the awning to allow for rod insertion for manual deployment and retraction.



WARRANTY TERMS
Invitation to Bid 2409-B: Heavy Rescue Apparatus

INSTRUCTIONS:

For each warranted part, component, or other aspect of the apparatus, state the length and terms of the warranty. Provide a complete explanation of each warranty, which may include a copy of manufacturers' standard warranty statements. Show warranty information in the categories listed below, or other categories as appropriate. Warranty coverage shall begin upon delivery of the apparatus to the County. Attach additional pages or warranty brochures as needed.

CHASSIS WARRANTY

- Length of Warranty: _____
- Terms of Warranty: _____

BODY WARRANTY

- Length of Warranty: _____
- Terms of Warranty: _____

PAINT WARRANTY

- Length of Warranty: _____
- Terms of Warranty: _____

ELECTRICAL WARRANTY

- Length of Warranty: _____
- Terms of Warranty: _____

OTHER WARRANTY

- Length of Warranty: _____
- Terms of Warranty: _____

COMPANY NAME: _____