



Cherokee County Board of Commissioners
Purchasing Department
1130 Bluffs Parkway, Canton, GA 30114
Phone: (678) 493-6000
Fax: (678) 493-6035

REQUEST FOR PROPOSALS

RFP# 2024-011

TYPE I AMBULANCE PURCHASES

THE PROJECT: The Cherokee County Board of Commissioners Purchasing Department (County) is requesting competitive sealed **proposals** in support of the purchase of up to fifteen (15) Type I Ambulances, meeting the specifications and as described herein.

There **will not** be a mandatory meeting to review the requirements. The meeting will be held at the proposed work site and will include walking the area.

All times in the solicitation are local times to Cherokee County, Georgia in the Eastern Time Zone.

This Request for Opportunity Description is one of two documents making up this solicitation. The second document is Cherokee County Standard Solicitation Terms and Conditions, which contains all the standard forms potentially required to accompany a submission. Both of these documents together constitute the entire solicitation at the time of issuance.

The County reserves the right to reject any or all bids/proposals, to waive technicalities and to make a selection and final award as deemed to be in the best interest of the County, including using any form of contract it deems most advantageous to the County.

SCHEDULE:

Issued	February 1, 2024
Questions Due	February 14, 2024, by 4:00 PM
Answers Due	February 21, 2024
Bids/Proposals Due	March 6, 2024, at 10:00 AM
Anticipated Award Date	April 2, 2024

THE EXPECTED PERIOD OF PERFORMANCE:

The base period of performance is broken down into two areas; Physical Delivery of Product(s) and Service Delivery. This is a function of the Statement of Work (SOW) and/or specification and reflects if there is physical item or items to be delivered and / or delivery of services. An X in the box corresponding to item 1 below, Physical Delivery indicates a physical item or items are to be delivered and an X in the 2. Delivery of Services indicates that Services are to be performed. Either or both may apply to the work contemplated by this solicitation.

Additionally, should there be an X in the box corresponding item 3. Option Grant, then the County requests the right to extend the period of performance beyond the Base Rate as specified.

1. NO PHYSICAL ITEMS/GOODS PHYSICAL DELIVERY OF ITEMS/GOODS REQUIRED:

For Physical Delivery solicitations, the period of performance for an award shall begin with either the placement of Purchase Order or the date indicated on the Agreement. All items to be delivered are to be FOB Cherokee County at the address indicated in the solicitation. Performance shall be complete upon final acceptance by the County. Time is of the essence for the delivery of each item specified. Warranty requested as below:

Warranty Term Requested: _____

2. NO SERVICES REQUIRED PERFORMANCE OF SERVICES:

For Performance of Services solicitations, the period of performance shall begin with the placement of either a Purchase Order or the date of the Agreement unless the Agreement, the SOW or the Solicitation Terms indicate that performance shall begin upon the issuance of a Notice to Proceed (NTP), in which case the NTP would represent the beginning of performance. Term of services requested are as below:

Services Term:

- One Year
 Two Years
 Three Years
 Other: Up to 15 squads over 6 years

3. OPTION GRANT:

This solicitation contains requested options; please see Statement of Work for details.

SUBMITTAL INSTRUCTIONS:

Interested Bidders/Proposers should carefully review the requirements defined herein and provide complete and accurate submissions that should include the following items (**only items indicated with an “X” in the corresponding boxes are required for this solicitation**):

- Information and Addenda Acknowledgement Form (Appendix A)
- Non-Influence and Non-Collusion Affidavit (Appendix B)
- E-Verify Affidavit (Appendix C)
- References* (Appendix D)
- Acceptance of County' Standard Agreement**, as below: (Appendix E)
 - Professional Services Agreement (Sample provided)
 - Construction Services Agreement (Sample Provided)
 - Architectural & Engineering Services Agreement (Sample Provided)
 - Other: Purchase Agreement
- Certification Regarding Debarment, Suspension, and Other Responsibility Matters Primary Covered Transactions (Appendix F)
- Contractor's License Certification (Appendix G)
- Bonds Requirements **if the price bid > \$100K**
 - Ability to Provide Performance, Labor & Matl. Payment Bond (Appendix H)
 - Bid Bond (See Appendix I)
- Evidence of/ability to provide Insurance at the limits identified herein,***
- Certifications, Licenses or Registrations as required by law and/or as requested
- Pricing on Proposer's Company Letterhead
- Pricing on included pricing form
- Contractor's Qualifications Statement (Appendix J)
- Added Terms to Construction Service Agreement (Attachment)
- Substitutions Proposed: See Instructions Standard Solicitation Terms****, Item 9
- Any other requirements as requested under the scope of work

Notes:

*The County reserves the right to contact not only those references provided, but may also use previous performance for the County, other contacts it identifies and other sources of information believed to be viable to evaluate capability, viability and performance.

**If Acceptance of County's Standard Agreement is checked, all work/items defined herein are to be quoted according to these requirements. Copies of these agreements can be located at the County's Procurement web page.

***Insurance levels requested are those identified in the County's Standard Agreement, section "I."

****Standard Solicitation Terms Refer to Cherokee County Standard Solicitation Terms and Conditions

EVALUATION CRITERIA:

Bids/Proposals that contain options or additive work above and beyond the base bid will be evaluated financially according to the criteria described in the solicitation. However, should the use of options or additive work proposed exceed the County budget, the County retains its rights to address such situations as described in its Standard Terms For Bid and Proposal Solicitation as well as the right to award based on the base bid only or the base bid plus quoted additive work that is within its budget.

Bids determined to be Responsive and Responsible will be ranked based Bid Form Criteria.

OR

Proposals determined to be Responsive and Responsible will be evaluated on the following criteria:

30%	Price
45%	Technical
10%	Service
15%	Delivery
100%	TOTAL

1. **Technical Compliance (45%):** Evaluation will include compliance with both Federal Specification KKK-A-1822 Revision F and the detailed specifications provided.

- Vendor shall provide at a minimum, detailed documentation to evaluate design and quality of each Type I Ambulance.
- Vendor shall provide documentation on sound apparatus design and well-made products that are consistent with internal controls and customer specifications via a third-party compliance or with internal documentation.
- Vendor shall provide documentation of certified trades including welders, electricians, etc.
- Vendor shall provide detailed information on all exceptions to the specifications including cost savings associated with change(s).
- Vendor shall provide detailed information that demonstrates that the cab meets or exceeds all standards for crashworthiness.
- Vendor shall provide detailed information on their quality program and/or ISO certification. Vendor should address the entire quality process to include at a minimum the design, order acceptance, specification control, procurement to the specifications, supplier verification of conformance to purchased part specifications, management responsibilities, document control, manufacturing control, final testing, third party process control and final inspection of ambulances.

2. Delivery Schedule and Capacity (15%): All ambulances shall be delivered to Cherokee County Training Center located at 3985 Holly Springs Parkway, Holly Springs, Georgia 30115.

- Vendor must provide Information on ability/capacity to deliver the completed unit(s).
- Vendor must provide a schedule of completion and delivery from Notice to Proceed and order.
- Vendor must provide examples of managing complex delivery schedules.
- Vendor must provide current production capacity for ambulance.
- Vendor must provide record for on-time delivery over the past five years.
- Vendor must provide process for providing regular updates on order status and any potential delays.

3. Service and Support (10%):

- Vendor must provide service center location address and distance from Cherokee County's Fleet Department located at 421 Chattin Drive, Canton, Georgia 30115 (preferred no more than two (2) hour driving time).
- Vendor must provide information on their ability to provide on-site service and response time from time service is requested for both critical and non-critical issues.
- Vendor must provide resume(s), qualifications and certifications on their Emergency Vehicle Technician(s) EVT(s) certified service personnel.
- Vendor must provide warranty information and thoroughly describe warranty and service processes.

a. Warranty term requested:

1. Three year / 36,000 mile product conversion.
2. Five year / 100,000 mile (non-pro-rated) modular paint.
3. Six year / 72,000 mile electrical system
4. Lifetime modular body structure

References may be contacted should the evaluation team deem them necessary.

Proposals will be scored on the above evaluation criteria. Failure to provide information necessary to evaluate proposal, may result in a lower scoring proposal.

The County reserves the right to reject the bid of any vendor who has previously failed to perform properly or complete on time contracts of a similar nature, or who upon investigation shows is not in a position to perform the contract.

ECONOMIC PRICE ADJUSTMENT:

1. **Purpose:** This Economic Price Adjustment is incorporated into this contract to provide for an equitable adjustment in the contract price due to significant changes in market conditions as reflected by the Producer Price Index (PPI) and Consumer Price Index (CPI).
2. **Basis for Adjustment:**
 - Primary Index: Adjustments will be based primarily on the Producer Price Index for Motor Vehicle Body Manufacturing (PCU336211336211).
 - Secondary Index: The Consumer Price Index for New Vehicles (CUSR0000SETA01) will be used as a secondary measure in the event of significant discrepancies with the PPI.
 - In the event of an excessive increase in contract price due to this clause, the buyer reserves the right to terminate the contract for convenience, in accordance with the contract's termination clause.
4. **Adjustment Frequency:** Price adjustments under this clause will be made annually, coinciding with the contract's anniversary date.
5. **Calculation of Adjustment:**
 - Percentage Change: The percentage change in the selected index from the baseline (index value at the time of contract signing) to the current index value at the time of adjustment will determine the rate of price adjustment.
 - Price Adjustment Formula: The contract price will be adjusted in direct proportion to the percentage change in the index, subject to the cap and floor limits stated below.
6. **Implementation of Adjustment:**
 - The supplier shall notify the buyer in writing of the proposed price adjustment, with detailed calculations and index values used, at least 30 days prior to the contract anniversary date.
 - The buyer shall have the right to verify the accuracy of the index values and calculations used for the adjustment.
7. **Review and Dispute Resolution:**
 - Any disputes regarding the application of this clause will be resolved through the contract's dispute resolution process.
8. **Contract Modification:**
 - If adjustments are agreed upon, a formal contract modification will be executed to reflect the adjusted contract price.

HOW AND WHERE TO SUBMIT BIDS AND PROPOSALS:

The County has two methods for receiving bids and proposals that are mutually exclusive; either electronically or by physical receipt. The box with the “X” below indicates how and where bids or proposals are to be submitted. The County will NOT accept proposals by fax, or e-mail unless authorized, in writing, by the Procurement Director. The solicitation submission deadline will be strictly enforced; no late bids/proposals will be accepted for any reason, please plan accordingly.

A. Electronic Submissions Only:

Bids and Proposals are to be submitted electronically ONLY to BidNet Direct. Physical copies are not to be submitted unless approved in advance by the Purchasing Director.

Proposals and all requested documentation to be provided electronically should in the Adobe Portable Document Format (PDF) as ONE file unless otherwise indicated in these solicitation instructions. Documents provided in response to this solicitation are to be named according to the following naming convention:

- a. [Solicitation Number]_[Vendor Name]_[Document Type]
Example: “2017-111_ABC Company_Proposal”

QUESTIONS/ADDENDA:

Only written inquiries will be permitted during the solicitation period. **Questions are to be submitted via BidNet Direct** for this solicitation no later than the date and time indicated in the Schedule, as may be amended. Answers will be posted via formal Addendum and only released as part of the solicitation documents on BidNet Direct. All interested parties are instructed to monitor BidNet Direct on a regular basis throughout the solicitation period. The final date for posting of Addenda is per the Schedule, as may be amended.

STATEMENT OF WORK AND / OR SPECIFICATION LOCATED ON THE NEXT PAGE

STATEMENT OF WORK AND / OR SPECIFICATION:

Cherokee County Fire & Emergency Services intends to purchase up to fifteen (15) Type I Ambulances over the course of the contract (6 year term), pursuant to Federal Ambulance Specification KKK-A-1822 Revision F and meeting the attached specifications. It is the intent that once an award is made, CCFES will standardize on the type of ambulance, manufacturer, make, model for a period of twelve years (two SPLOST terms).

SPECIFICATIONS:

The following are the specifications for Type I, Forward Door Design Ambulance. For every specification, if the ambulance your company is proposing meets the full outlined specification so indicate in the "Yes" column. For every specification, if the ambulance your company is proposing does NOT meet the FULL outlined specification, so indicate in the "No" column. Further, for any "No" specification, a detailed specification of the alternate/substitute item must be included and easily found in the proposal.

GENERAL

		Required/ Preferred/ Acceptable	YES	NO
1	It is the intent of these specifications to clearly describe the furnishing and delivery to the Purchaser, a complete apparatus equipped as specified. The primary objective of these specifications is to obtain the most acceptable apparatus for service in the Fire Department. These specifications cover specific requirements as to the type of construction and tests the apparatus must conform, together with certain details as to finish, material preferences, equipment and appliances with which the successful bidder must conform.			
2	These specifications are not intended to eliminate any specific apparatus manufacturer and are intended to be used as a guideline. It is understood that minor variations shall be present as a result of the manufacturer's specific process, material, and construction methods. When present, any variations shall be described in detail using the manner described below.			
3	The design of the apparatus must embody the latest approved automotive design practices. The workmanship must be of the highest quality in its respective field. Special consideration shall be given to service access to areas needing periodic maintenance, ease of operation, and symmetrical proportions. Construction must be heavy-duty and ample safety factors must be provided to carry loads as specified. The construction method employed will be in such a manner as to allow ready removal of any component for service or repair.			

4	The apparatus shall conform to the National Fire Protection Association Standard 1917 Standard for Automotive Ambulances 2019 edition, unless otherwise specified in this document. Only the specified firefighting support equipment listed in these specifications shall be provided. If any items does not meet the requirements of NFPA 1917, 2019 ed. or items that are marked Required are not meet, the county may be considered these items as "NO BID"			
5	The apparatus shall further conform to all Federal Motor Vehicle Safety Standards. No exception.			
6	Each bidder shall furnish satisfactory evidence of their ability to design, engineer, and construct the apparatus specified and shall state the location of the factory producing the apparatus. They shall also substantiate they are in a position to render prompt and proper service and to furnish replacement parts for the apparatus.			
7	Each bid must be accompanied by a set of detailed contractor's specifications consisting of a detailed description of the apparatus and equipment proposed. All bid proposal specifications must be in the same sequence as the advertised specification for ease of comparison. These specifications shall include size, location, type, and model of all component parts being furnished. Detailed information shall be provided on the materials used to construct all facets of the apparatus body.			
8	All bidders are required to detail the payment terms for apparatus on the bidder's proposal page. Any required prepayments or progress payments must be explained in detail.			
9	The following apparatus specifications are considered minimum design and construction standards against which the apparatus will be inspected. It is the intent to receive proposals on equipment/apparatus meeting the attached minimum specifications. Any variation from these specifications shall be stated on the bid proposal page, followed by a detailed "Letter of Exceptions" listing the areas of non-compliance. The reference must include page number, paragraph, and the exact nature of the exception.			
10	The County may add the statement "No Exception" to a component or design feature in these specifications. In the interest of fleet conformity or specific performance requirements, the Purchaser will not permit exceptions taken to these item(s). The Purchaser reserves the right to reject any or all bid proposals and purchase the equipment it deems most suitable to its needs.			

11	For ease in evaluating proposals, the bidder must return this supplied specification indicating in the “Bidder Complies” column to the right side of the page whether or not their proposal complies with the minimums set forth. The contractor’s detailed proposal specification shall be submitted in the same sequence as these supplied specifications.			
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DEFINITIONS

12	Required-These requirements are considered firm and alternatives will not be considered at this time. If required specifications are not met as defined they may be considered non-responsive.			
13	Preferred- These requirements are considered preferred, but equivalent or better-than alternatives will be evaluated. Preferred items must be equivalent of better than what is specified and should represent a savings over the specified specification.			
14	Acceptable- These requirements are representative of the performance and quality required, alternatives determined to meet these requirements will be acceptable. Acceptable specifications may be substituted without savings.			
15	All alternatives must be appropriately documented by the proposing organization. The acceptability of the alternative is at the sole discretion of Cherokee County.			

ISO COMPLIANCE

16	Cherokee County Fire & Emergency Services believes that a strong quality program and quality culture are responsible for sound vehicle and apparatus designs and well made products that are consistently compliant to with internal controls and customer specifications. While ISO 9001:2015 registration is preferred for suppliers of vehicles and apparatus due to its well defined and comprehensive requirements as well as its third party audit program, it is not essential for organizations to hold such a certification in order to provide proposals and be considered for award. Non-ISO proposing organizations possessing well developed and documented quality programs shall submit evidence of such for the County’s review. The Agency reserves the right to evaluate organization’s quality programs and make a determination of acceptability of such a program’s capacity to design and build products consistent with that necessary to reasonably assure that products conform with the design and performance specifications contained herein.			
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17	The manufacturer's quality systems shall consist of, but not be limited to, all written quality procedures (aka QOP) and other procedures referenced within the pages of the manufacturer's Quality Manual, as well as all Work Instructions, Workmanship Standards, and Calibration Administration that directly or indirectly impacts products or processes. In addition, all apparatus assembly processes shall be documented for traceability and reference. The manufacturer shall also engage the services of a certified third party for testing purposes where required.			
18	If the manufacturer operates more than one manufacturing facility each facility must be ISO certified.			
19	By virtue of its ISO compliance the manufacturer shall provide an apparatus that is built to exacting standards, meets the customer's expectations, and satisfies the customer's requirements.			
20	A copy of the manufacturer's certificate of ISO compliance for each manufacturing facility shall be provided with the bid.			

SINGLE SOURCE MANUFACTURER

21	In order to protect the Purchaser from divided responsibility between chassis and body manufacturers, proposals will only be accepted from apparatus builders who engineer, design, and manufacturer the complete apparatus.			
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SERVICE REQUIREMENTS

22	Each bidder shall supply, with their proposal, detailed information on the bidder's ability to perform routine and emergency service on the apparatus after delivery. Detailed information shall be provided on service facilities, personnel, service vehicles, and the type and nature of repair work the bidder is able to provide. Bidder shall state the number of miles from the Purchaser's facility to the nearest fully staffed repair facility operated by the bidder. It is the intent of the Purchaser to assure that parts and service are readily available for the equipment specified. Service capabilities will be one of the criteria for award of this contract.			
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DELIVERY

23	The bidder shall state the time required for delivery of the completed unit on the proposal page. The completed unit shall be delivered to the purchaser with full instructions provided to Fire Department personnel on operation, care and maintenance of apparatus at the purchaser's location.	Required		
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AMBULANCE CONSTRUCTION AND MATERIAL EVALUATION

24	Failure to respond to any of the below questions may result in the bidder's proposal being considered non-responsive and may result in rejection of the bid.	Required		
25	Brand Name and Model Type:			
26	Manufacturer Location:			
27	Have any exceptions to the specifications been taken?			

VEHICLE AND WHEELBASE

28	Ford F-550 Super Duty XLT chassis with 2-wheel drive and dual rear wheels, 193-inch wheelbase, 108-inch cab to axle, Ford Ambulance prep package	Preferred		
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ENGINE

29	Ford 6.7-liter High Output Power Stroke Turbo Charged V-8 Diesel with OEM engine block heater	Preferred		
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AUXILIARY POWERTRAIN CONTROL (APC)

30	The Ford OEM APC module shall be standard. The module will be mounted in the front switch console. The APC Module is to be programmed in the "Charge Protection" mode. When the vehicle is in park, service brake disengaged, and the parking brake is set, the APC module shall electronically adjust the engine idle (up or down) to maintain proper electrical system voltage.	Preferred		
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PRE-CONSTRUCTION CONFERENCE

31	A pre-construction conference shall be performed at the factory prior to the commencement of manufacturing. All expenses for four (4) Cherokee County personnel shall be paid for by the successful bidder. If the factory is more than 400 miles from 150 Chattin Dr. Canton, GA 30115, commercial airfare shall be provided.	Required		
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FINAL INSPECTION

32	A final inspection shall be performed at the factory prior to delivery. All expenses for four (4) Cherokee County personnel shall be paid for by the successful bidder. If the factory is more than 400 miles from 150 Chattin Dr Canton Ga. 30115, commercial airfare shall be provided.	Required		
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MAXIMUM OVERALL HEIGHT

33	The maximum overall height of the apparatus shall be approximately 10 feet.	Preferred		
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MAXIMUM OVERALL LENGTH

34	The maximum overall length of the apparatus shall be approximately 26 feet.	Required		
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GAUGES AND METERS

35	Speedometer, odometer, fuel gauge, temperature, oil pressure, digital voltmeter, engine hour meter.	Preferred		
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SPRINGS, AXLE RATINGS, & SHOCKS

36	Maximum GVWR – 18,000 lbs. GVWR	Preferred		
37	Front: Monobeam with coil springs, shock absorbers and stabilizer bar.	Preferred		
38	A CLASS®, or Compressible Liquid Adaptive Suspension System, shall be provided and installed. Utilizing a strut, with a compressible fluid as the spring/damping medium, and its sophisticated on-board microprocessor, The system shall include an automatic lowering feature, which is activated by opening the rear patient compartment doors. There shall be a switch near the rear doors which will defeat the lowering feature.	Preferred		

STEERING

39	Power steering with tilt wheel and cruise control.	Preferred		
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BRAKES

40	Heavy duty, hydro-boost assisted type, 4-wheel anti-lock disc brake system.	Preferred		
41	A diesel engine exhaust break	Preferred		

TRANSMISSION

42	Torqueshift™ w/ SelectShift 10-speed transmission with external oil cooler	Preferred		
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AXLE, REAR

43	4.10 gear ratio w/ limited slip axle	Preferred		
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FUELTANK

44	Single tank w/ 40-gallon capacity.	Preferred		
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WHEELS AND TIRES

45	Seven (7) LT 225/70RX19.5G Steel Belted Radial tires, BSW all season tread. The spare tire will be mounted in the left rear exterior compartment. Stainless steel wheel inserts with valve stem extensions will be provided. The valve stem extensions are to be steel braided lines that are held in place with stainless steel brackets. These brackets are to be located in such a way as to provide easy access to both the inside and outside rear tires valve stems for the checking of tire pressure and for the addition of air when required.	Preferred		
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BATTERIES

46	Two (2) 750 CCA mounted in the engine compartment and wired parallel in OEM configuration that complies with Ford QVM and KKK-A-1822-F requirements. Batteries will be wired so that both will always be used for starting and controlled by a power cut off switch. The Ford ignition key activates the cut off switch. Power can be provided to the module without the engine running by turning the ignition key to accessory position	Preferred		
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BATTERY CHARGER/INVERTER

47	There shall be a Kussmaul Electronics, AUTO POWER 3000W INVERTER CHARGER PRODUCT CODE: 091-269-12-3000 installed per manufactures speciation's	Preferred		
48	There shall be extra insulation around the compartment where this unit is stored to minimize sound in the patient compartment	Preferred		
49	There shall be four (4) 120 volt outlet install in the rear compartments (location to be determined at pre-construction meeting) powered via the shoreline only.	Preferred		

AUTO EJECT FOR SHORELINE

50	There shall be one (1) Kussmaul™, Model 091-55-20-120, 20 amps 120-volt AC shoreline inlet, or equivalent provided to operate the dedicated 120-volt AC circuits on the apparatus.	Required		
51	The shoreline inlet shall include a red weatherproof flip up cover.	Required		
52	There shall be a release solenoid wired to the vehicle's starter to eject the AC connector when the engine is starting.	Required		
53	The shoreline receptacle shall be located on the driver side of the EMS box.	Preferred		
54	There shall be a label installed near the inlet that state the following:	Preferred		
a	Line Voltage			
b	Current Rating (amps)			
c	Phase			
d	Frequency			

RADIO

57	Successful bidder shall install a power supply and coax for two (2) Motorola APX 8500 Dual Band radio. Exact location will be determined at the per-bid meeting.	Required		
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ANTENNA BASE

58	The antenna shall be located driver side	Preferred		
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VEHICLE 360 VIDEO SYSTEM

59	The vehicle shall be equipped with an FRC, model SNB100-C00 inView™ 360 Video system and include a 7in HD In-Cab Monitor (SNB1option-MH0). This system shall provide the driver with a 360 degree birds-eye style view of the apparatus, along with individual camera views based on determined conditions. The location of the InView™ 360 HD video system will be determined at the pre-construction meeting.	Preferred		
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GENERAL CONSTRUCTION

60	The entire body will be a welded and SEAMLESS one-piece body. The entire perimeter and around all openings of the body shall be fully welded and ground smooth thus eliminating any joints or seams. The use of tongue and groove method of construction that requires the use of a seam sealer is not acceptable. This is to prevent the cracking of paint at these areas resulting in a buildup of road dirt and grime and the eventual development of corrosion along the tongue and groove seams.	Required		
61	The aluminum skin, the roof and side panels, shall be permanently fastened to the framework	Preferred		
62	The body wall skin shall be of commercial quality corrosion resistant aluminum.	Preferred		
63	The roof panel shall be a single sheet of aluminum	Preferred		
64	In the assembly of the body, areas where steel is in contact with aluminum, there shall be butyl rubber isolator pads installed. This pad provides corrosion and water resistance.	Preferred		

FLOOR SUB-STRUCTURE

65	The floor shall be at the lowest level permitted but not more than 34 inches from the ground	Preferred		
66	There shall be rubber mounts attaching the body to the frame.	Preferred		

EXTERIOR COMPARTMENT CONSTRUCTION

67	Compartments on the unit will be constructed as follows: The compartment floor will be fabricated diamond plate aluminum and the ceiling and bulkheads of diamond plate aluminum. All compartment floors will be reinforced on the underside of the floor.	Preferred		
68	All exterior compartments shall be sweep out style to provide for ease of cleaning. All exterior compartments will be vented to provide for the displacement of air when closing doors. Vent louvers shall be installed on the vertical walls of the exterior compartments.	Preferred		
69	All exterior compartments shall be lighted when the compartment door is opened. Compartment lights shall be Federal Signal Commander Series Flex Lights with Cool White LEDs. The lights shall run the full height of the compartment.	Preferred		
70	All exterior compartment shelving shall be "Pan" style aluminum shelves mounted on two (2) sets of unit-strut tracks at each end of the shelf providing infinite adjustment. Turtle Plastics Turtle Tile Compartment Matting shall be installed on all shelves and compartment flooring.	Preferred		

COMPARTMENT DOORS

71	The door(s) of each compartment will be flush type (being on the level with adjacent body surface) and of PAN FORMED / EXTRUSION DOUBLE BREAK construction. The weather seal is to be mounted on the outer flange of the door with the latches and strikers mounted on the extruded second break inside the door opening. This door design eliminates exposure of the latches to the elements and prevents moisture from corroding the latch mechanisms.	Preferred		
72	The inner panel on all exterior compartment and entry doors will be fastened to the extruded doorframe and recessed into the door frame extrusion for a flush finish. Surface mounting of any interior door panels is not allowed. All fasteners used for the mounting of the interior panels are to have a rubber grommet affixed to the underside of the screw head to prevent the fastener screws from loosening and backing out of the extrusion. The interior door panels shall be readily removable for access to the interior of the door and the latching mechanism.	Preferred		
73	All doors shall be reinforced and cross-braced inside for increased strength allowing for the mounting of equipment on the door	Preferred		
74	In order to facilitate adjustment and routine maintenance of door linkage rods and latches, all patient compartment entry doors shall have access ports. There is to be an access port above and one below each interior entry door handle of sufficient size to allow for the adjustment of the door linkage rods. All ports are to be covered with a friction type "plug-in" plastic cover that is readily removable	Preferred		

75	The door latch assembly of each compartment will be an Eberhard Grabber 21100 series, two (2)-point slam lock (206 rotary latch), of stainless-steel construction. Door latch assemblies shall be “blind mounted” eliminating any exposed mounting hardware on the exterior side of the latches. There is to be a rubber gasket between the exterior stainless-steel latch assembly and the aluminum door to ensure the isolation of the two dissimilar metals.	Preferred		
76	The door linkage rods’ connecting the door handles and the rotary latches are to be 5/32 steel rods threaded on the turn buckle end. They shall be straight direct pull rods with no bends built into the rods allowed. Adjustments to the entry door linkage rods are to be provided by a turnbuckle located above and below and adjacent to each interior door handle	Preferred		
77	All exterior doors are to be lockable via an “automotive style” lock with all compartment and patient compartment entry doors being keyed alike. The key shall be double sided for ease of insertion into the lock	Preferred		
78	Door strikers shall be installed on the vertical compartment flanges, with the exception of double doors. There are to be two (2) pins per door, with the exception of the battery compartment door. All striker pins shall be fully adjustable from the exposed side. They will be grade 8.0 cadmium plated steel strikers with a “captive nut” for adjustment and so located as not to interfere with the sweep-out design of the compartment itself	Preferred		
79	All exterior doors shall have rotary latches and striker posts that meet FMVSS 206 requirements	Preferred		
80	All compartment and entry doors shall have one-piece Stainless Steel doorsill protectors which will cover both surfaces of the body opening.	Preferred		
81	Each compartment and entry door is to have a full width aluminum drip rail mounted above each door. All drip rails are to be attached using double back adhesive tape. The use of screws, rivets, or any other form of metal attachment is not acceptable.	Preferred		
82	All compartment doors will be equipped with a gas strut door stay that holds the door at 90 degrees to the body when open. All gas struts are to be mounted in such a way as to allow for easy access in the event that replacement or repair is required.	Preferred		
83	There shall be a “dampening” devise installed within each gas strut for the purpose of preventing the “shock” that can occur when a gas strut is fully extended.	Preferred		
84	There is to be a nylon retention strap in addition to the gas strut door stay on the curb side patient compartment entry door.	Preferred		
85	Each compartment door will be mounted with a continuous stainless-steel hinge with a minimum pin diameter of (.250). Hinge Pin diameter of less than (.250) is unacceptable to ensure the long-term performance of the hinge in this extreme use application.	Preferred		

86	Each compartment opening is to be sealed with full perimeter 5/8" wide by 1/2" thick hollow core wiper seal. The seal is to be mounted on the doorframe out board of the striker pins and the door latches. This seal ensures that each compartment will be dust and waterproof and that the striker pins and door latches will remain dry and clean.	Preferred		
87	All exterior compartment and patient compartment entry doors shall be insulated with a single layer of R-14.5 reflectix insulation. Additionally, there shall be a single layer of 2" polystyrene insulation installed in each door	Preferred		
88	Rear patient compartment doors shall be equipped with Cast Products "Grabber" hold-open devices. Side patient compartment door shall be equipped with Gas Strut door opening device.	Preferred		
89	Rear and side patient compartment doors shall have dark tinted safety glass with window perfs, encased in extruded aluminum frames. Each rear door shall have an approximately 18.5" x 17.5" fixed window. The side door shall have an approximately 18.5" x 17.5" slide opening window with screen and window lock	Preferred		
90	Right side entry door opening shall be approximately 68 inches high X 30 inches wide	Preferred		
91	Rear entry door opening (double door) shall be approximately: 57 inches high X 48inches wide	Preferred		

ELECTRICAL SYSTEM COMPONENTS

92	A Weldon V-MUX 100% solid-state microprocessor based multiplex system will be installed to control the electrical functions. The system will provide diagnostics lap top plug in capability. The front console shall contain fifteen (15) PODS buttons with an OLED, text display. The rear panel shall contain twelve (12) PODS buttons. PODS buttons are flexible to be used as latching, multi-level or momentary buttons. A Weldon High Content Node (S) shall be provided. There could be one or more depending upon demand requirements. Layout of the console shall be approved at the pre-construction meeting.	Required		
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MDT MOUNT

92.1	A Havis DS-DELL-422-3 Docking Station for a Dell 5420 Notebooks with Advanced Port Replication, Triple Pass-Thru Antenna Connections & LIND Power Supply shall be installed using a Havis C-MD-114 11" Slide Out Locking Swing Arm and respective equipment. The mounting location will be determined at pre-construction meeting.	Required		
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WARNING DISPLAYS

93	A digital OLED display and audible alarm will be integrated into the cab console and programmed through the multiplex system to provide visual and audible indications for:	Required		
a	Outside storage compartment "door open" warnings			
b	Module Curbside and Rear "Door Open" Warning			
c	Low voltage alarm			
d	System Voltage			
e	System Errors			

CONTROL PANEL PODS BUTTONS

94	A console panel will be mounted in the cab and a rear panel will be mounted in the access door to the electrical service cabinet in the action area. The PODS buttons will control all Emergency Warning functions as well as being able to control the Patient Compartment lighting and module heat/ac functions.	Preferred		
95	The PODS buttons will have dimmable perimeter backlighting for easy identification and a red LED will light up when turned on.	Preferred		

MODULE POWER BUTTON

96	A module power button for the electrical system will be provided on the front panel	Required		
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EMERGENCY MASTER BUTTON

97	A module power button for the electrical system will be provided on the front panel.	Required		
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FLASHER

98	The flasher will be provided within and programmed by the multiplex electrical system.	Preferred		
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PARK OVERRIDE

99	A park override PODS button, located on the Front Console Panel, will reactivate all lights disabled when the transmission is placed in the neutral/park position.	Required		
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BACKUP ALARM OVERRIDE

100	The Front Console Panel will have amomentary switch/button to disable the backup alarm. This override shall automatically reset to "Enabled" when the vehicle is removed from Reverse.	Required		
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CURBSIDE SCENE LIGHTS "ON" WITH CURBSIDE

101	The curbside scene lights will be programmed to activate when the curbside door is in the open position.	Required		
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REAR SCENE LIGHTS "ON" WITH REAR DOORS OPEN

102	The rear scene lights will be programmed to activate when the rear doors are in the open position.	Required		
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REAR SCENES "ON" IN REVERSE

103	The system will be programmed to provide activation for the rear scene lights, and the rear side scene lights, when the transmission selector lever is placed into the "reverse" position.	Required		
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ELECTRICAL WIRING

104	All of the vehicle's electrical equipment will be served by circuits separate and distinct from the chassis electrical system. All circuits shall be rated to carry 125% of its maximum load. All electrical wiring will be run in grease, oil, heat and moisture resistant looming. Harnesses will be fastened with vinyl-clad clamps and grommets at any area they contact a metal edge.	Required		
105	Every load carrying wire will be a minimum of 14-gauge and will be color-coded and heat embossed with its function every 6 inches. There will be at least a 6-inch service loop of wire at the point of attachment to each component. All electrical connections will be machine crimped; the use of Scotch-locks is strictly prohibited.	Required		

GROUNDING SYSTEM

106	The body will be grounded to the chassis frame with 2 heavy duty braided grounding straps. In addition, there will be grounding straps from the engine block to the body and frame. There is to be a Major Ground Buss Bar in the electrical panel that is connected to the ground straps and frame, and then each individual circuit will have its own ground wire run to that ground buss bar.	Preferred		
107	The Weldon HC NODES shall be ground directly to the chassis batteries to eliminate any interference or possible loss of ground which would result in the shutdown of the entire NODE	Preferred		

ELECTRICAL SERVICE CABINET

108	The electrical service panel will be mounted in the electrical service cabinet above the action area and will be easily accessible by activating a single latch allowing the Button POD Panel section to swing down. The V-Mux Node(s) will be located in an easily accessible location in the electrical service cabinet for service technicians to perform troubleshooting and service work. This cabinet must be solely for the electrical system components with a large enough door opening to perform work on the systems completely without removing them from the cabinet.	Preferred		
109	None of the electrical systems be mounted in any exterior compartment	NO EXCEPTIONS		

12V DC OUTLETS

110	Four (4) USB charging ports shall be included. Location of USB charging ports will be determined at pre-construction meeting.	Preferred		
111	Four (4) USB-C charging ports shall be included. Location of USB-C charging ports will be determined at pre-construction meeting.	Preferred		
	There shall be two (2) Cigar style 12V DC outlets, one located in the action area, and one in the right front bulkhead ALS compartment.	Preferred		

EMERGENCY LIGHTING

112	The unit shall be equipped with the following Federal Signal warning lights:	Required		
a	Four (4) MicroPulse Ultra MPS62U-RW located in the grill			
b	Four (4) FireRay LED FR9C-R with chrome trim bezel located alone the top of the med box.			
c	One (1) FireRay LED FR9C-W with chrome trim bezel located center of the top of the med box.			
d	Two (2) LED Traffic Clearing Light LEDTCL97C-W with chrome trim bezel located alone the top of the med box.			
e	Four (4) MicroPulse Ultra MPS61U-R located In front fender and over rear wheel on driver and passenger side of ambulance			
f	Four (4) FireRay LED FR9C-R with chrome trim bezel located forward and rear on top of the med box on driver and passenger side of ambulance.			
g	Four (4) FireRay LED FR9LEDSCENE with chrome trim bezel located forward and rear (inboard of red lights) on top of the med box on driver and passenger side of ambulance.			
h	Two (2) FireRay LED FR9C-R with chrome trim bezel located alone the top outside edges of the med box.			
i	Two (2) FireRay LED FR9C-R with chrome trim bezel located outboard of rear door approximately 6 feet 4 inches above grade.			

j	Two (2) FireRay LED FR6-R with chrome trim bezel located on the lower rear corners			
k	Two (2) FireRay LED FR6-BACKUP with chrome trim bezel located on the lower rear corners inboard of the red lights			
l	Two (2) FireRay LED FR6-ARROW with chrome trim bezel located outboard of rear door approximately 3 feet 10 inches above grade.			
m	Two (2) MicroPulse Wide Angle MPSW9-RW with chrome bezel located under the drivers and passages door mirror.			
113	The exact configuration and location will be determined at pre-construction	Required		

LED SCENE LIGHT

114	One (1) FRC CrestLight low profile LED scene light (CLA100-A14) shall be installed above the truck cab. The exact location will be determined at the pre-construction meeting.	Preferred		
115	Two (2) Fire Research CrestLigh LED Scene Light model CLA101-A62 shall be install on both sides of the EMS box, centered as high as possible. These lights shall have individual switches located at the console. The exact location will be determined at the pre-construction meeting.	Preferred		

DOOR SWITCHING

116	Magnetic Door Switches shall be installed to activate Compartment, Dome and Scene Lights.	Preferred		
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ELECTRO-MECHANICAL SIRENS

117	One (1) 12 Volt "Screaming Eagle, Nesting Eagle Siren # C 9-11-NE (Nesting Eagle Mount) electro/mechanical coaster type siren. Siren shall be mounted behind the bumper with a stainless steel grill mounted on the front of the bumper.	Preferred		
118	Two (2) actuation switches shall be provided, one (1) for the officer and one (1) for the driver. Location to be determined at pre-construction meeting.	Preferred		
119	A siren on/off switch shall be installed in the switch panel and wired in such a manner so that when the switch is placed in the off position the siren brakes shall automatically be engaged and the switches deactivated.	Preferred		

ELECTRONIC SIREN

120	A Federal Pathfinder electronic siren (PA-4000-200) and Federal Rumbler (part #RBKIT2) shall be installed.	Preferred		
121	The Pathfinder shall include a OBDII integration cable for the vehicle. This integrate with the vehicle to allow light and siren control with vehicle events such as door open, headlight, brake, speed, park, etc.	Preferred		

SIREN SPEAKER

122	There shall be two (2) Federal model number BP200, 200-watt, speaker with through bumper mounting brackets and polished stainless steel grille provided.	Preferred		
123	The speaker shall produce a minimum sound output of 120 dB at 10 feet.	Required		
124	The speakers shall be recessed in the front bumper.	Preferred		

PATIENT COMPARTMENT LIGHTS

125	The ceiling headliner shall contain eight (8) Federal Signal Commander Series 8" LED Interior Light.	Preferred		
126	The left and right banks of lights shall be switched separately. In addition, the left bank high mode can be switched from the drivers switch panel and will be activated by opening of the side or rear entry doors.	Preferred		
127	There shall be a timer switch installed in the right wall at the head of the squad bench. The timer switch will allow the left bank of Dome Lights to turn on even when the master switch is in the off position.	Preferred		

PATIENT COMPARTMENT CLOCK

128	An Atomic Digital Clock w/indoor temp. and date. 12/24 hour display, automatic updates for time (including DST), month, day, date Calendar shall be installed on the back wall. The exact location will be determined at pre-construction	Preferred		
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ON BOARD SUCTION

129	A SSCOR/Board On Board suction system with an Impact E-12 Suction Pump shall be provided and mounted on the back wall above the action area counter top just forward of the CPR Seat.	Required		
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VENTILATION

130	A 138-CFM exhaust fan shall be mounted near the ceiling in the left rear of the patient compartment and shall be activated by a switch on the action wall	Preferred		
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LOW VOLTAGE ALARM

131	A Low Voltage Alarm shall sound when voltage drops below 11.8 volts for more than 120 seconds.	Required		
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DRIVER'S SWITCH CONSOLE

132	There shall be a switch console mounted in the center of the cab floor between the seats in such a way as to not interfere with access to the dash yet easily accessible to the driver. The console shall be easily removable to allow access for service. There shall be space provided for the installation of radios below the Weldon V-Mux Switch Panel. The switch panel shall be esthetically appealing and incorporate as follows:	Preferred		
	Top Row:			
a	"E" Master Switch / Primary/Secondary / Light Bar / Heat - AC / Patient Domes / Mod Power			
	Second Row:			
b	"OLED" Display Screen / Back up Alarm Disable / Voltage Alarm Disable			
	Third Row:			
c	Door Ajar Light / Compartment Ajar Light			
	Bottom Row:			
d	Emitter / Siren - Horn / Left Scenes / Rear Scenes / Right Scenes			

PATIENT COMPARTMENT SWITCH CONSOLE

133	The following switches shall be in the rear control panel, which shall be hinged for easy access to components. They shall be mounted in a double row at an angle facing the center of the cot and the squad bench.	Preferred		
	Top Row			
a	Mod Power / Left Domes / Right Domes / O2 Light / Attendant Light			
	Bottom Row:			
b	Inverter / Suction / Exhaust Fan / HVAC Fan Speeds / Heat - AC			
134	All switches in front and rear panels shall be Weldon Button Pod switches that are permanently marked by function, illuminate when activated and backlit for night visibility.	Preferred		

PATIENT COMPARTMENT FLOOR

135	The sub floor shall consist of a minimum .090" thick corrosion resistant aluminum sealed watertight.	Preferred		
136	The floor is then to be covered with a single piece of commercial-grade, LON-PLATE non-skid flooring, which shall roll up the left wall and the squad bench approximately 3". Flooring shall be sealed at all edges to prevent water from seeping between the floor and cabinets.	Preferred		
137	A formed 6-inch, full width stainless steel floor protection strip shall be installed forward of the rear patient compartment door seal. Additionally, antiskid tape, 2-inch-wide, is to be laid the full width just inside the rear entry doors over the floor protection strip.	Preferred		

INTERIOR CABINET'S

138	All interior cabinets shall be built using ¾" cabinet grade, finished both sides, 7 ply, solid core, birch plywood.	Preferred		
139	All interior cabinets shall be constructed using wood screws and glue. The use of staples or nails in the fastening of cabinet components is strictly prohibited.	Required		
140	Exposed cabinet surfaces, interior and exterior, are to be covered with "Wilsonart" laminate. All cabinets and counter tops shall be caulked and sealed. Cabinets shall incorporate 1-inch aluminum radius corners throughout and have generous padding to lessen the chance of injuries in the event of an accident. Sliding Plexiglas windows shall be 1/4" thick with full height extruded aluminum handles mounted in full perimeter slide track. Door catches shall be flush-mount slam-type positive latching.	Preferred		
141	All door panels, seat cushions, and protective pads shall be constructed of fire-retardant foam, covered with a minimum 40-ounce vinyl. All seat and back cushions in the patient compartment shall be vacuum-formed seamless.	Preferred		
142	All interior cabinets shall have a Federal Signal Commander Series Flex Lights. The lights shall be switched with the patient compartment lights.	Preferred		
143	The bulkhead cabinet shall incorporate a floor mounted climate control unit. Unit shall drain directly through the floor. Air in-take shall be at floor level, while output shall be ducted overhead, across the bulkhead cabinets. The return air shall be filtered. Directly above the climate control unit shall be a storage area.	Preferred		
144	The left front street side upper cabinet shall be approximately fifty three (53) inches wide by thirteen (13) inches tall by sixteen (16) inches deep.	Preferred		
145	The left front street side lower desk area in front of the attendants seat shall be approximately fifty eight (58) inches wide by thirty (30) inches tall by sixteen (16) inches deep.	Preferred		

146	The left front street side CPR seat area shall be approximately forty one (41) inches wide by sixteen (16) inches deep. The seat shall be comprised of three molded vacuum-formed cushions mounted in the center of this area. The CPR seat lid shall be hinged and lift for storage below. A seat belt that has been tested and certified to meet or exceed FMVSS 206 shall be provided for attendant safety.	Preferred		
147	A fifteen (15) inch wide by thirty (30) inches tall by sixteen (16) inches deep. work are (solid surface) shall be located after the CPR seat (toward the back of the truck).	Preferred		
148	The left rear street side upper cabinet shall be approximately fifty one (51) inches wide by twenty (20) inches tall by sixteen (16) inches deep.	Preferred		
149	Over the curbside access door there shall be a glove storage compartment. The compartment shall be approximately ten (10) inch by five (5) and one half inch by three (3) and one half inch. The door shall have three (3) openings to allow easy access to the gloves.	Preferred		
150	The front curbside lower cabinet and drawer in front of the attendants seat shall be approximately thirty three (33) inches wide by thirty three (33) inches tall by eighteen (18) inches deep. The drawer shall be approximately five (5) inches high. The top of the work area shall be covered with a dry erase solid surface. The cabinet shall have two (2) access doors. The cabinet shall line up with the outside compartment.	Preferred		
151	The front curbside side upper cabinet shall be approximately thirty-three (33) inches wide by twenty-three (23) inches tall by eighteen (18) inches deep.	Preferred		
152	The second curbside side upper cabinet shall be approximately fifteen (15) inches wide by twenty-three (23) inches tall by eighteen (18) inches deep. A Knox Med Vault, large capacity, with recesses mount shall be installed in the upper portion of this area. A coax and power supply for a Motorola APX 8500 Dual Band radio. The coax shall terminate on the roof of the patient compartment.	Preferred		
153	Two cabinets shall be mounted on the curbside at the ceiling level directly over the entire length of the squad bench. They shall have "flip-up" Plexiglas doors. There must be a minimum of 43" from the bottom of these cabinets to the top of the squad bench.	Preferred		
154	The curbside rear upper cabinet shall the maximum width by twenty (20) inches tall by eighteen (18) inches deep.	Preferred		
155	The squad bench base shall be constructed of .075" gauge stainless steel for strength and ruggedness. Storage space shall be provided within the bench and accessed via split, two section lids. Each lid will have a gas strut hold open device and paddle style latches. Cushions, both seat and back, shall be vacuum-formed seamless. There shall be 2-point seat belts for 3 seating locations with all belts being tested and certified to meet or exceed FMVSS 206.	Preferred		

156	An attendant seat shall be located at the head of the primary cot. It shall be an EVS 1880 vac-form, seamless ambulance attendant seat with an integrated child restraint system mounted on an EVS SB8 seat base. The seating system shall be certified to meet or exceed FMVSS 206	Preferred		
157	Final compartment layout and configuration will be determined at the pre-construction meeting.	Required		

HEADLINER

158	The headliner shall be constructed of a thermoplastic core sandwiched between two sheets of aluminum finished in semi-gloss white. The headliner is to provide for the limitation of heat transfer from the roof, reflection of light and be easily cleaned. There is to be a removable center section to gain access to wiring that is covered with a padded vinyl.	Preferred		
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INTERIOR PANELING

159	Exposed surfaces shall be mar, dent and scratch resistant. Walls shall be covered with high pressure Wilsonart laminate material.	Preferred		
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OVERHEAD GRAB RAIL

160	A full-length stainless-steel handicap style 1 1/2" diameter grab rail shall be installed on patient compartment ceiling. This rail shall be capable of supporting a minimum of 300 pounds. This Rail shall be treated with Agion Anti-Bacterial Coating	Preferred		
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DOOR GRAB HANDLES

161	All entry doors will have a matching heavy-duty stainless-steel handicap style 1 1/2" "V" bar grab handle that will be securely mounted slightly below the window. These Bars shall be treated with Agion Anti-Bacterial Coating	Preferred		
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COT

162	A Stryker PowerPro stretcher shall be included	Required		
163	A Stryker PowerLoad shall be installed	Required		

INSULATION

164	The entire patient compartment, walls and ceiling, shall be blanketed with two layers of reflectix insulation. In between the two layers of reflectix insulation shall be a 2" polystyrene insulation to provide exceptional insulation and sound deadening qualities. To make certain the insulation stays in place, all insulation in the vertical walls is to be glued in place.	Preferred		
165	All exterior compartment and patient compartment entry doors shall be insulated with a single layer of R-14.5 reflectix insulation. Additionally, there shall be a single layer of 2" polystyrene insulation installed in each door.	Preferred		

CLIMATE CONTROL

166	Rear climate control shall be floor mounted in driver side bulkhead cabinet to shorten refrigerant and anti-freeze hoses and eliminate vertical circulation. Condensation from high humid conditions shall drain directly through floor. Air intake shall be at floor level; output shall be at ceiling level with return air at floor level for increased airflow. Return air shall be filtered.	Preferred		
167	The unit shall be Danhard with 32,000 BTU cooling capacity and a 35,000 BTU heating capacity. The blower motor shall have permanent magnets and be capable of delivering 630 CFM of airflow. It must be removable without removing entire heat/cool unit and without disconnection of any coolant lines	Preferred		
168	A thermostat shall control both heating and cooling with 3-speed manual fan control. The thermostat shall be located on the action wall.	Preferred		

SHARP'S CONTAINER

169	Three lockable Sharp's container shall be included. Mounting location to be determined at pre-construction meeting.	Required		
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OXYGEN OUTLETS

170	Oxygen system shall be plumbed with conductive hose from oxygen compartment to two Puritan-Bennett Ohio style oxygen outlets in the action area, and a third over the cot mounted in the ceiling	Preferred		
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EXTERIOR COMPARTMENTS**#1 O2 STORAGE**

171	The left front, street side exterior compartment shall contain a "Zico" nylon triple collar bracket to house one "M" size oxygen cylinder. The O2 tank is to be stored in the aft side of the compartment. There shall be an interior access door to allow the attendant to turn the oxygen tank valve on/off from the patient compartment. A separate O2 compartment light shall be provided for the purpose of viewing the tank O2 gauge and be switched on/off from the action panel. A wrench is to be provided for changing the tank regulator. This wrench is to be secured in the compartment with a cable and mounted to the compartment wall when not being used	Preferred		
172	This compartment shall have an aluminum divider located between the O2 tank and the backboard storage side of the compartment. A shelf is to be installed from the divider to the compartment aft wall above the O2 bottle.	Preferred		

173	The forward side of the compartment is to provide storage for two (2) backboards and shall have rubber "nerf" strips, two (2) on the floor and two (2) on the back wall of the compartment, for the protection of the backboards. There shall be a seat belt style-retaining strap installed for the purpose of securing the backboards	Preferred		
174	The compartment shall be approximately twenty (20) inches wide, seven (7) feet tall and twenty (20) inches deep.	Preferred		

#2 GENERAL STORAGE

175	This compartment shall be located street side between the #1 compartment and the left side drive wheels and is to be used for general storage. There is to be a double door on this compartment	Preferred		
176	There shall be a full width, full depth aluminum "pan" style storage shelf installed in the compartment. The shelf is to be mounted on two (2) sets of infinitely adjustable uni-strut tracks at each end of the shelf with rubber matting covering the topside of the shelf.	Preferred		
177	This compartment shall be approximately fifty three (53) inches wide, forty four (44) inches tall and twenty (20) inches deep.	Preferred		

#3 GENERAL STORAGE

178	This compartment shall be located street side over the drive wheels and is to be used for general storage. There is to be a single door on this compartment	Preferred		
179	This compartment shall be forty seven (47) inches wide, nine (9) inches tall and twenty (20) inches deep.	Preferred		
180	This compartment shall have a pull-out drawer. The drawer shall be sized to maximum storage space.	Preferred		

#4 SCBA and TURNOUT GEAR STORAGE

181	The left rear street side exterior compartment shall be for storage of one Scott X3 Pro 4500 and one full set of firefighting turnout gear.	Preferred		
182	This compartment shall have one (1) adjustable shelf and one Zico Walk Away Spring Clip SCBA Bracket.	Preferred		
183	A Blue Sea System ST Blade Fuse Block- 6 Circuit with Negative Bus and Cover and 110 volt power supply shall be installed in cabinet. An ignition wire shall be provided to the Blue Sae system. The mounting locations to be determined at pre-construction meeting.	Preferred		
184	This compartment shall be twenty six (26) inches wide, sixty (60) inches tall and twenty (20) inches deep.	Preferred		
185	One (1) Streamlight Fire Vulcan LED - Orange Item #44451 shall be installed. Location to be determined at pre-construction	Required		

#5 SCBA and TURNOUT GEAR STORAGE

186	The right rear side exterior compartment shall be for storage of one Scott X3 Pro 4500 and one full set of firefighting turnout gear.	Preferred		
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187	This compartment shall have one (1) adjustable shelve and one Zico Walk Away Spring Clip SCBA Bracket.	Preferred		
188	A Blue Sea System ST Blade Fuse Block- 6 Circuit with Negative Bus with Cover and 110 volt power supply shall be installed in cabinet. An ignition wire shall be provided to the Blue Sae system. The mounting locations to be determined at pre-construction meeting.	Preferred		
189	This compartment shall be twenty six (26) inches wide, sixty (60) inches tall and twenty (20) inches deep.	Preferred		
190	One (1) Streamlight Fire Vulcan LED - Orange Item #44451 shall be installed. Location to be determined at pre-construction	Required		

#6 GENERAL STORAGE

191	This compartment shall be located over the drive wheels and is to be used for general storage. There is to be a single door on this compartment	Preferred		
192	This compartment shall be fifty four (54) inches wide, nine (9) inches tall and twenty (20) inches deep.	Preferred		
193	This compartment shall have a pull-out drawer. The drawer shall be sized to maximum storage space.	Preferred		

#7 GENERAL STORAGE

194	This compartment shall allow access to the interior compartment.	Preferred		
195	This compartment shall be thirty six (36) inches wide, forty four (44) inches tall and twenty (20) inches deep.	Preferred		
196	A Blue Sea System ST Blade Fuse Block- 6 Circuit with Negative Bus with Cover and 110 volt power supply shall be installed in cabinet. An ignition wire shall be provided to the Blue Sae system. The mounting locations to be determined at pre-construction meeting.	Preferred		

REAR WHEEL WELL TRIM

197	The rear wheel wells shall be trimmed with polished Stainless Steel Fenderettes that shall be attached to the body with stainless steel fasteners. There shall be a gasket placed between the aluminum body and the stainless steel fenderette for isolation of the dissimilar metals.	Preferred		
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RUB RAILS

198	There shall be bolt on clear anodized extrusion rub rails. They shall run the full length of the body and be mounted at the base of each side of each side of the body. The rub rails shall be spaced ¼ inch from the body with Delrin spacers.	Preferred		
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REAR STEP BUMPER

199	The rear step assembly shall be constructed of 1 3/4" X 1 3/4" tubular steel frame bolted to the chassis frame. The center section shall be non-skid grip strut aluminum and shall "Flip-Up" to allow adequate clearance of the Cot Wheels while Cot is being loaded. The ends shall be constructed of diamond plate end caps with 18" X 4" X 4" heavy-duty rubber dock bumpers.	Preferred		
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SIDE DOORSTEP

200	The side doorstep shall be formed of aluminum diamond tread and shall be flush sweep out style. Antiskid tape, 2-inch-wide, is to be laid the full width of the step just inside the entry door. Additionally, there shall be a formed 3-inch, full width stainless steel floor protection strip installed over the flooring at the top of the step. An LED step well light is to be installed on the forward vertical wall of the step well with the wiring to be pulled through the backside of the step well. The lower side of the step well shall be covered with Hush Mat to reduce road noise.	Preferred		
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STONE SHIELDS

201	Diamond plate stone shields shall be installed on the front edge of the module body directly behind the cab at skirt level. These shields shall extend up the front of the box approximately 16 inches	Preferred		
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PAYLOAD

202	There shall be a minimum of 5,400 lbs. of usable payload. Weight determination shall be made with standard unit, full complement of fuel, fluids and spare tire. Any optional equipment shall be deducted from payload	Required		
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DECALS, NO SMOKING & OXYGEN EQUIPPED

203	There shall be two NO SMOKING and two OXYGEN EQUIPPED signs, one each in the cab and one each in the patient compartment	Preferred		
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I.V. HOLDERS

204	There shall be two recessed, swing-up dual I.V. bag holders mounted in patient compartment headliner. The holders shall be Cast Products # IV-2009 (KKK-1822-F Approved).	Required		
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KKK-A-1822-F CERTIFICATION

205	This unit shall meet all KKK-A-1822-F specifications and the manufacturer shall have current documentation of compliance with all KKK-A-1822-F standards and all subsequent revisions.	Required		
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PAINT

206	The ambulance shall be painted two-tone with the upper paint being Sikkens FLNA4040 White and the lower Sikkens FLNA3042 Red. The paint process shall meet or exceed current state regulations concerning paint operations. Pollution control shall include measures to protect the atmosphere, water, and soil. Contractor shall, upon demand, provide evidence that the manufacturing facility is in compliance with State EPA rules and regulations.	Preferred		
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REAR BODY SCOTCHLITE STRIPING

207	Printed chevron style Scotchlite striping shall be provided on the rear of the apparatus. The stripes shall consist of 6" Yellow/Red alternating stripes in an "A" pattern. The striping shall be located on the rear facing extrusions, panels, doors and inboard/outboard of the beavertails if applicable.	Required		
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LETTERING

208	Lettering and graphics shall meet the design and layout of the existing fleet. Material to be gold reflective. A color drawing shall be provided and is to be signed off by the Fire Chief prior to application of striping and graphics.	Required		
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MISCELLANEOUS EQUIPMENT

209	One (1) Technimount Bracket Pro Serie 25 (951-00-XZ) for the ZOLL-X Series Defibrillator shall be installed in the patient area. The location to be determined at the pre-construction meeting.	Required		
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END OF STATEMENT OF WORK/SPECIFICATION

RFP# 2024-011**TYPE I AMBULANCE PURCHASES***PRICING FORM***INITIAL PURCHASE**

CCFES intends to purchase 6 ambulances upon award of the contract. Depending on pricing and lead times, that number may vary slightly. Please provide a price and delivery date/lead time for each ambulance. If there is a discount for pre-payment of the chassis, please provide the pre-payment amount required for the chassis and the discount provided.

INITIAL PURCHASE:

INITIAL PURCHASE	PRICE WITHOUT PRE-PAYMENT OF CHASSIS	DELIVERY TIMEFRAME
1 ST AMBULANCE		
2 ND AMBULANCE		
3 RD AMBULANCE		
4 TH AMBULANCE		
5 TH AMBULANCE		
6 TH AMBULANCE		

INITIAL PURCHASE WITH PRE-PAYMENT OF CHASSIS:

INITIAL PURCHASE	COST REQUIRED FOR PRE-PAYMENT OF CHASSIS	DISCOUNTED PRICE	DELIVERY TIMEFRAME
1 ST AMBULANCE			
2 ND AMBULANCE			
3 RD AMBULANCE			
4 TH AMBULANCE			
5 TH AMBULANCE			
6 TH AMBULANCE			

RFP# 2024-011**TYPE I AMBULANCE PURCHASES***PRICING FORM - CONTINUED***Year 1: 4/1/2024 - 12/31/2024****Year 2: 1/1/2025 - 12/31/2025**

Please provide a forecasted percentage increase for year 2 pricing. Actual pricing will be negotiated at time of purchase using the pricing provided below and in accordance with the economic price adjustment described on page 6 of the RFP. The number of ambulances ordered in year two will be based off of pricing, lead times, and needs assessment, among other factors.

	Forecasted percentage above year 1 pricing	Price for each	Percentage discount if pre-payment for chassis	Lead time from time order is placed
1 st Ambulance				
2 nd Ambulance				
3 rd Ambulance				
4 th Ambulance				
5 th Ambulance				
6 th Ambulance				

Year 3: 1/1/2026 - 12/31/2026

Please provide a forecasted percentage increase for year 3 pricing. Actual pricing will be negotiated at time of purchase using the pricing provided below and in accordance with the economic price adjustment described on page 6 of the RFP. The number of ambulances ordered in year two will be based off of pricing, lead times, and needs assessment, among other factors.

	Forecasted percentage increase over year 2 pricing	Price for each	Discount if pre-payment for chassis	Lead time from time order is placed
1 st Ambulance				
2 nd Ambulance				
3 rd Ambulance				
4 th Ambulance				
5 th Ambulance				
6 th Ambulance				

RFP# 2024-011

TYPE I AMBULANCE PURCHASES

PRICING FORM - CONTINUED

For years 4 - 6, County will negotiate pricing with awarded vendor according to economic price adjustment described on page 6 of the RFP and using average pricing over the three years of the current contract.

Year 4: 1/1/2027 - 12/31/2027

Year 5: 1/1/2028 - 12/31/2028

Year 6: 1/1/2029 - 12/31/2029

DATE: _____

Bidder: _____
(Company Name)

By: _____

Title: _____