

# Invitation to Submit Competitive Bids For Ambulance(s) and Equipment

Lafourche Ambulance District 1 is soliciting competitive, sealed bids from qualified vendors for the purchase of One (1) or more, Type III, Class One (4 x 2), Configuration A ambulance(s) for this agency, Lafourche Ambulance District 1 reserves the right to reject any and/or all bids. Lafourche Ambulance District 1 also reserves the right to accept the bid most advantageous to Lafourche Ambulance District 1.

The attached specification defines a heavy-duty, commercial emergency medical vehicle, built to withstand adverse driving conditions. The vehicle shall meet or exceed the latest revision to federal specification KKK-A-1822E, Federal Motor Vehicle Safety Standards (F.M.V.S.S.), National Truck Equipment Association (N.T.E.A) Ambulance Manufacturer's Division (A.M.D.) standards and Ford Qualified Vehicle Modifier (Q.V.M.) Program Truck Guidelines.

This invitation is extended to all qualified vendors/Manufacturers that are specifically in the business of building emergency medical vehicles and/or equipment.

Bidders should request Bid Specifications from the Lafourche Ambulance District #1, 17078 West Main St, Cut Off, La 70345.

Bid related materials are also available on line via email [lad1bd@viscom.net](mailto:lad1bd@viscom.net) (subject ambulance bid specifications) and electronic bids may also be submitted at [www.Centralbidding.com](http://www.Centralbidding.com)

Bids should be submitted to the above address in a sealed envelope plainly labeled "Sealed Bid" on the outside.

Bids will be opened at 10:05am on **JUNE 29, 2020** at Lafourche Ambulance District #1, 17078 West Main St, Cut Off, LA 70345. No bids will be accepted after 10:00am **06/29/2020**.

This invitation is issued by:

Lafourche Ambulance Service District #1  
17078 West Main Street  
Cut Off, LA 70345  
Contact: Brady Daigle  
985-632-7192

Publication Dates **JUNE 1, JUNE 9 and JUNE 17, 2020.**

# LAFOURCHE AMBULANCE DISTRICT NO 1

## GENERAL CONDITIONS:

### PARTY IDENTIFICATION:

AGENCY: "Agency" is hereinafter defined as the customer. The customer is an individual or a group of individuals whom represent the interest of the city, parish, or state and has been charged with the responsibility of purchasing one or more emergency medical vehicles.

Does your bid meet exactly as specified YES ☒ NO ☐

BIDDER: "Bidder" is hereinafter defined as the vehicle manufacturer and/or it's authorized representative. The bidder is an assigned representative who is authorized to commit to a contract with the "Agency".

Does your bid meet exactly as specified YES ☒ NO ☐

VENDOR: "Vendor" is synonymous with "Bidder".

Does your bid meet exactly as specified YES ☒ NO ☐

NOTICE TO BIDDERS: Bidders shall thoroughly examine any drawings, specifications, schedule, instructions and any other documents supplied as part of this invitation to bid.

Bidders shall make all investigations necessary to thoroughly inform themselves regarding the content of the written specifications, drawings and instructions supplied herein. No pleas of ignorance by the bidder pertaining to the content of the specifications, drawings, schedule or instructions will be considered by the agency once the deadline for bid submission has occurred. Failure or omission on the part of the bidder to make the necessary examinations and investigations into the content of the specifications shall not be accepted as a basis for making variations to the spec. Failure or omission by the bidder to make all clarifications or explanations of exceptions and conditions that exist or that may exist hereafter shall NOT be accepted as a basis for making variations to the requirements of the agency or compensation to the bidder.

Does your bid meet exactly as specified YES ☒ NO ☐  
Signature required verifying above statement Robert W. Low

CLARIFICATIONS: Clarifications shall be written correspondence between the bidder, the agency and all other qualified bidders. A Clarification shall include the paragraph number, page number, the text with unclear content (as written in the specification) and the definition of the clarification requested. Verbal clarifications shall be documented in writing and distributed to all other qualified bidders at least two business days prior to the deadline for bid submission.

Does your bid meet exactly as specified YES ☒ NO ☐



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Signature required verifying above statement



**EXPLANATION OF EXCEPTIONS:** Bidders may take exceptions to any part of the bid contained herein with a written itemized schedule. The schedule shall include the paragraph number(s), the text that the bidder feels he can not comply with an explanation why the bidder feels that the requirement is not in the best interest of the agency and/or an alternate bidder solution. Alternate bidder solutions may be considered by the agency, if the bidder can show the agency that the alternate solution is, in quality and quantity, equal to OR better than the specified item. This agency will share the exception/alternate solution with all other Qualified Bidders. Explanation of exceptions shall be documented in writing at least two business days prior to the deadline for bid submission.

Does your bid meet exactly as specified YES ☒ NO ☐

**CORE DESIGN INTENT:** The core design intent of the specifications supplied herein is to purchase an ambulance with the highest level of engineering excellence. The "Core Design" intent of this vehicle shall be centered on the patient's need for pre-hospital care, in conjunction with a safe working environment for the Emergency Medical Personnel.

Does your bid meet exactly as specified YES ☒ NO ☐

**BID PACKAGES SHALL NOT TAKE TOTAL EXCEPTIONS:** Bidders are required under this bid invitation to give, for the consideration of the agency, a proposal that will comply with the written specifications, drawings and schedules supplied herein. The specifications supplied represent a compilation of input from all disciplines of users, patients, maintenance and management personnel who are directly affected by the vehicle's performance.

Careful consideration pertaining to safety, configuration, construction, and workmanship are based on working experiences by all the personnel who have direct, working contact with the subject vehicle specified herein. The "core design" of this ambulance was created as a result of resolving issues and improvement suggestions that have originated from the personnel most QUALIFIED to make such input.

This agency makes no claim that ALL potential issues or improvements are included in the specifications supplied herein. This agency will consider any VALID concern by any bidder and will consider minor specification exceptions or alternates of equal or better performance, provided that the exception(s) are steered toward meeting the "Core design" intent AND the exception(s) are cleared up not less than two days prior to the bid opening date.

## **Caution:**

A bidder who submits a bid that takes "Total Exception" and makes an offering of some "Standard" or "Stock" unit will be viewed by the agency as a bidder who did not make, and is not prepared to make,

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a valid bid, and is not qualified to manufacture the ambulance as specified herein. Alternate bids will NOT be considered.

Does your bid meet exactly as specified YES ☒ NO ☐

**VEHICLE QUANTITY:** Lafourche Ambulance District 1 is currently seeking to purchase one vehicle per the specifications set forth in this solicitation for bid. With an option of purchasing several more at a later date as per this contract. Lafourche Ambulance District 1 AND/OR other government or private agencies that qualify to purchase under this contract will reserve the right to increase the number of vehicles purchased without incurring an obligation to obtain bids from other vendors for a period of two years. A contract extension may be provided to the successful, qualified vendor who has performed satisfactorily to the original contract.

Does your bid meet exactly as specified YES ☒ NO ☐

## VENDOR QUALIFICATIONS:

**PRODUCT LIABILITY INSURANCE:** Proof of current liability insurance shall be supplied. The proof of insurance shall bear the insurance carrier's name, address and phone number. The proof shall also bear the name and address of the insured. This document shall contain the coverage schedule, explaining the type of insurance, the policy number, the effective date of coverage, the policy expiration date and the individual limits. The minimum amount of coverage shall be as follows:

### Commercial General Liability - as follows:

- Each Occurrence: \$ 1,000,000
- Damage to rented premises, each occurrence: \$300,000
- Personal and Adv Injury: \$1,000,000
- General Aggregate: \$4,000,000
- Products - Comp/OP Agg: \$4,000,000

### Automotive Liability –

- Combined Single Limit: \$1,000,000
- Comprehensive/Collision Deductible: \$1,000

### Excess Liability - Umbrella Form

- Each occurrence: \$5,000,000
- Aggregate: \$5,000,000
- Excess Liability: \$20,000,000

### Workers Compensation and Employers' Liability

- E.L. Each Accident: \$1,000,000
- E.L. Disease policy - Each Employee: \$1,000,000
- E.L. Disease - Policy Limit: \$1,000,000

Does your bid meet exactly as specified YES ☒ NO ☐



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**NON-DISCRIMINATION AND EQUAL OPPORTUNITY:** The Bidder/Contractor agrees to comply with all federal statutes relating to non-discrimination. These include but are not limited to:

- (a) Title VI of the civil rights act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin;
- (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex;
- (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), which prohibits discrimination on the basis of handicaps and the Americans with Disabilities Act of 1990;
- (d) The Age Discrimination Act of 1974, as amended (42 U.S.C. 6101-6107), which prohibits discrimination on the basis of age;
- (e) The Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse;
- (f) The Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism;
- (g) 523 and 527 of the Public Health Service Act of 1912 (U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records;
- (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing
- (i) Any other nondiscrimination provisions in any specific statute(s) applicable to any Federal funding for this Agreement;
- (j) The requirements of any other nondiscrimination statute(s) which may apply to this agreement.

Does your bid meet exactly as specified YES ☒ NO ☐

**DRUG FREE WORK PLACE:** The Bidder shall conduct business as a Drug Free Workplace. The Bidder/Manufacturer and ALL of its sub-contractors shall provide notice to their employees and sub-contractors as required under the Drug-Free Workplace Act of 1988. A copy of Bidder's Drug-Free Workplace Policy shall be furnished to this agency upon request.

Does your bid meet exactly as specified YES ☒ NO ☐

**FORD QVM QUALIFICATION:** All Bidders shall be members in good standing of the Ford Motor Company's Qualified Vehicle Modifier Program (QVM). Each bidder shall supply a copy of his valid QVM Certification with their bid. If for any reason the QVM Certification was withdrawn or suspended by Ford Motor Company within the past five years, the bidder shall supply a full written explanation of the QVM violation, withdrawal or suspension and any corrective actions taken to regain QVM Certification. This reference is being made even though the specifications describe an ambulance other than a Ford.

Does your bid meet exactly as specified YES ☒ NO ☐



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**QUALITY MANAGEMENT SYSTEM REGISTERED:** The manufacturer shall have a certificate of registration for ISO 9001(TM): 2015 for their Quality Management System (QMS). The QMS provides establishment, documentation, implementation, maintenance and improvement of management systems that impact the final quality of the product. Registration of the vendor's QMS demonstrates an enduring commitment to quality, a sharp focus on the customer, and robust communication throughout the product process chain to the customer. This registration provides for oversight with routine inspection of the QMS to maintain certification status. Proof of certification shall be readily available upon demand. Proof of Certification shall be provided with bid during initial bid process.

Does your bid meet exactly as specified YES ☒ NO ☐

## NATIONAL TRUCK EQUIPMENT ASSOCIATION TESTING

**AMD 001 - AMBULANCE BODY STRUCTURE STATIC LOAD TEST:** The ambulance described herein shall be type tested to the National Truck Equipment Association's Ambulance Manufacturing Division Standard 001 Ambulance Body Structure Static Load Test except the test weight shall be a minimum of 55,000 pounds. The test shall be conducted by an independent testing laboratory. The module body bid herein shall contain extrusion shapes and general structural layout identical to the test body used in the test.

Does your bid meet exactly as specified YES ☒ NO ☐

**AMD 002 - BODY DOOR RETENTION COMPONENTS TEST:** The ambulance described herein shall be type tested to the National Truck Equipment Association Ambulance Manufacturing Division, Standard 002 - Body Door Retention Components Test. The test shall be conducted by an independent testing laboratory. The module body bid herein shall contain identical door extrusion shapes, door skin configuration and general structural layout as the test body used in the test.

Safety is this Agency's first concern. Entry and compartment door integrity is crucial to the safety of the patient, public, passengers and crew. If the Bidder has experienced any of the following door conditions as a result of collision, roll over or other accidental impact, then the Bidder shall supply the Agency with a report containing the date, a full explanation of the incident and corrective actions taken.

- A) Any entry door rendered inoperative.
- B) Any door that has come open.
- C) Foreign object penetration into patient cabin through the body structure.

Catastrophic door failure during a collision indicates mechanical defects in the design, hardware and/or the direct construction of the modular door. Any AMD Standard 002 testing prior to the incident is deemed invalid, regardless of the expiration date of the original test.

**AMD 003 - OXYGEN TANK RETENTION SYSTEM STATIC TEST:** The ambulance described herein shall be type tested to the National Truck Equipment Association Ambulance Manufacturing Division,



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Standard 003 - Oxygen Tank Retention System Static Test. The test shall be conducted by an independent testing laboratory.

Safety is this Agency's first concern. Main cylinder control is extremely important and is crucial to the safety of the patient, public, passengers and crew. If the Bidder has experienced a cylinder rack separation from the oxygen compartment wall, OR if the cylinder has come loose from the cylinder restraining device, then the Bidder shall supply the Agency with a report containing the date, a full explanation of the incident and corrective actions taken to prevent future failures. Main Oxygen/Air Cylinders that come loose during a collision indicate mechanical defects in the design of the restraining device or the mounting method. Any AMD Standard 003 testing prior to the incident is deemed invalid, regardless of the expiration date of the original test.

AMD 004 - LITTER RETENTION SYSTEM STATIC TEST: The cot/litter retention system described herein shall be tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 004 - Litter Retention System Static Test. The cot mount hardware, mounting method and floor reinforcement areas shall exceed the test as described in AMD 004. This test shall be conducted by an independent testing laboratory.

Safety is this Agency's first concern. Main cot/litter retention is critical to patient care. If the Bidder has experienced a litter ejection due to a hardware defect or a defect in the mounting method, then the Bidder shall supply the Agency with a report containing the date, a full explanation of the incident and corrective actions taken to prevent future ejections. Main Cot/Litter ejection's that occur during a collision indicates mechanical defects in the design of the restraining device or the mounting method. Therefore ALL Bidder AMD Standard 004 testing dated prior to the incident is deemed invalid, regardless of the expiration date of the original test.

AMD 005 - 12-VOLT DC ELECTRICAL SYSTEMS TEST: The 12-Volt DC Electrical System described herein shall be tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 005 - 12-Volt DC Electrical System s Test. This test is valid for the test article vehicle ONLY. The test shall be conducted on EACH ambulance. The results of the test shall be recorded on an electrical system performance sheet and shall be included with the delivery documents. This test shall be conducted by a qualified quality control electrician at the ambulance manufacturing plant.

Reliability and Safety is this Agency's first concern. The 12-volt electrical system must be functional under all normal or adverse driving and operating conditions. Each electrical device, electrical component, wire, wire route and connection quality shall be tested for reliability as a "SYSTEM" on each vehicle sold. If the Bidder has experienced an electrical fire or an electrical failure resulting in a disabled ambulance going to an emergency call or during transportation, shall supply the Agency with a report containing the date, a full explanation of the incident and corrective actions taken to prevent future electrical failures.



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AMD 006 - PATIENT COMPARTMENT SOUND LEVEL TEST: The ambulance described herein shall meet or exceed the National Truck Equipment Association Ambulance Manufacturing Division Standard 006 - Patient Compartment Sound Level Test. The sound level in the driver or patient cabin shall be eighty decibels or less under the conditions described in AMD Standard 006.

AMD 007 - PATIENT COMPARTMENT CARBON MONOXIDE LEVEL TEST: The ambulance described herein shall meet or exceed the National Truck Equipment Association, Ambulance Manufacturing Division Standard 007 - Patient Compartment Carbon Monoxide Level Test. The patient and driver cabin shall be environmentally sealed from carbon monoxide gases that are emitted from internal combustion engines. The ambulance specified herein shall have safe carbon monoxide levels of ten parts per million or less while the vehicle is exposed to the conditions described in AMD Standard 007.

AMD 008 - PATIENT COMPARTMENT GRAB RAIL STATIC LOAD TEST: The patient cabin grab rails shall be tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 008 - Patient Compartment Grab Rail Static Load Test. The ceiling mounted grab rails shall be subject to a three axis load of three hundred pounds.

The ceiling mounted grab rail shall not come loose from the ceiling or permanently deform. All mounting fasteners shall be threaded into metal structure not less than .125 inches thick.

AMD 009 - 125-VOLT AC ELECTRICAL SYSTEMS TEST: The patient cabin shall be wired per the National Truck Equipment Association, Ambulance Manufacturing Division Standard 009 - 125 -Volt AC Electrical Systems Test.

The ambulance wiring shall comply with the National Electric Code in effect at the time of manufacture of the ambulance. The system specified herein shall be a 2-wire system with a ground. All outlets and 120-volt hard wired devices, on the ambulance, shall have ground fault interrupter protection.

AMD 010 - WATER SPRAY TEST: The ambulance specified herein shall be water spray tested for water leakage into the patient's and driver's cabins. The door to jamb seal, window installation and seals shall be tested against leakage per the National Truck Equipment Association, Ambulance Manufacturing Division Standard 010 - Water Spray Test. This test shall be conducted on EACH ambulance by the quality assurance department.

AMD 011 - EQUIPMENT TEMPERATURE TEST: The ambulance and equipment specified herein shall operate satisfactorily operate between 30 degrees and 125 degrees Fahrenheit per the National Truck Equipment Association, Ambulance Manufacturing Division Standard 011 - Equipment Temperature Test. This standard must be type certified by an independent testing laboratory on a like test model.



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**AMD 012 - INTERIOR CLIMATE CONTROL TEST:** The ambulance and equipment specified herein shall be equipped with a HVAC (Heating, Ventilation, and Air Conditioning) System that will meet or exceed the performance criteria set forth in the National Truck Equipment Association, Ambulance Manufacturing Division Standard 012 - Interior Climate Control Test. This standard must be type certified by an independent testing laboratory on a like test model.

**AMD 013 - WEIGHT DISTRIBUTION GUIDELINES:** The ambulance specified herein shall be weighed at the end of the ambulance manufacturer's production cycle to assure compliance with the National Truck Equipment Association, Ambulance Manufacturing Division Standard 013 Weight Distribution Guidelines.

The vehicle specified herein must be weighed on a four point scale that measures the weight imposed on EACH wheel. The side to side weight difference tolerance shall not exceed five percent (5%).

The total weight imposed on the FRONT axle shall not exceed the chassis manufacturer's gross axle weight rating minus three hundred pounds.

The total weight imposed on the REAR axle shall not exceed the chassis manufacturer's gross axle weight rating minus one thousand pounds.

The aggregate total of all four points shall not exceed the gross vehicle weight rating minus eleven hundred pounds regardless of customer specified equipment.

**AMD 014 - ENGINE COOLING SYSTEM TEST:** The cooling system in the ambulance specified herein shall be tested to assure compliance with the National Truck Equipment Association, Ambulance Manufacturing Division Standard 014 - Engine Cooling System Test. The vehicle specified herein must be tested at the end of the ambulance manufacturers manufacturing cycle to determine if the cooling system capacity is adequate to maintain safe engine operating temperature at ninety five degrees, ambient temperature for one hour. EACH ambulance shall be checked to assure a leak and trouble free cooling system performance.

**AMD 015 - AMBULANCE MAIN OXYGEN SYSTEM TEST:** Each ambulance's main Oxygen System shall be tested to assure compliance with the National Truck Equipment Association, Ambulance Manufacturing Division Standard 015 - Ambulance Main Oxygen System Test. The subject vehicle specified herein must be equipped with an Oxygen system that can withstand a 150 PSI charge of dry air or Nitrogen for a period of four hours without a loss exceeding five pounds per square inch of pressure. The results of this test shall be posted inside the oxygen tank stowage compartment. A certificate shall be supplied, describing the test conditions, the initial test pressure, the final pressure (after four hours) and the name of the inspector who performed the test.

**AMD 016 - PATIENT COMPARTMENT LIGHTING LEVEL TEST:** The ambulance and equipment specified herein shall be equipped with patient compartment lighting that will meet or exceed the performance criteria set forth in the National Truck Equipment Association, Ambulance Manufacturing



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Division Standard 016 - Patient Compartment Lighting Level Test. This standard must be type certified by an independent testing laboratory on a like test model.

AMD 017 - ROAD TEST: The ambulance and equipment specified herein will meet or exceed the performance criteria set forth in the National Truck Equipment Association, Ambulance Manufacturing Division Standard 017 - Road Test. This standard must be type certified by an independent testing laboratory on a like test model.

AMD 018 - REAR STEP AND BUMPER STATIC LOAD TEST The rear step and bumper shall be type tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 018 - Rear Step and Bumper Static Load Test. This standard must be type certified by an independent testing laboratory on a like test model.

AMD 019 - MEASURING GUIDELINES: COMPARTMENTS AND CABINETS: The ambulance specified herein shall be in compliance with the National Truck Equipment Association, Ambulance Manufacturing Division Standard 019 - Measuring Guidelines: Compartments and Cabinets.

AMD 020 - FLOOR DISTRIBUTED LOAD TEST: The ambulance specified herein shall be type tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 020 - Floor Distributed Load Test. This standard must be type certified by an independent testing laboratory on a like test model.

AMD 021 - ASPIRATOR SYSTEM TEST, PRIMARY PATIENT: Each ambulance's primary patient aspirator system shall be tested to assure compliance with the National Truck Equipment Association, Ambulance Manufacturing Division Standard 021 - Aspirator System Test, Primary Patient.

AMD 022 - COLD ENGINE START TEST, The ambulance specified herein shall be type tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 022 - Cold Engine Start Test.

AMD 023 - SIREN PERFORMANCE TEST: The ambulance siren system shall be type tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 023 - Siren Performance Test.

AMD 024 - PERIMETER ILLUMINATION TEST: The ambulance and equipment specified herein shall be equipped with perimeter lighting that will meet or exceed the performance criteria set forth in the National Truck Equipment Association, Ambulance Manufacturing Division Standard 016 - Perimeter Illumination Test. This standard must be type certified by an independent testing laboratory on a like test model.

AMD 025 - MEASURING GUIDELINES: OCCUPANT HEAD CLEARANCE ZONES: The ambulance specified herein shall be in compliance with the National Truck Equipment Association, Ambulance Manufacturing Division Standard 025 - Measuring Guidelines: Occupant Head Clearance Zones.



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Does your bid meet exactly as specified YES ✓ NO         
Signature required verifying above statement Robert W. Low

**CRASHWORTHINESS:** Safety is a primary objective for modular ambulance vehicles produced under this specification. In addition to compliance with design criteria incorporated herein, manufacturer shall also provide certified documentation to provide proof of crash worthiness of vehicle(s) proposed.

Crash worthiness of vehicle shall be demonstrated through a minimum of two actual crash tests of modular body ambulance under laboratory conditions. These crash tests will be similar in scope to testing performed by the National Highway Traffic Safety Administration and the Insurance Institute for Automobile Safety to verify the crash worthiness of passenger vehicles. An independent test laboratory accepted and utilized by the National Highway Traffic Safety Administration for their crash tests shall perform this testing and provide certification. Testing shall be performed and verified by SAE Member Engineers.

Test criteria shall be defined as a minimum of two actual high-speed impact crash tests between an ambulance and mid-size passenger vehicles. Collisions shall be into each side of manufacturer's standard production modular ambulance body mounted on a chassis, struck by an actual bullet vehicle. Crash energy at impact shall be a minimum of 3,000 pounds at 42 miles per hour.

Reports from crash testing shall be certified by testing lab, and shall include the following minimum results:

- 1) The required six-point medic restraint system shall hold all attendants in their seats. There shall be no head contact with anything except head rests. There shall be no excessive excursion of the attendants in their seats regardless of which way they were facing.
- 2) The ambulance body structure shall remain intact after both impacts. Bending of body shall be localized to point of impact, and doors adjacent to the actual crash point shall continue to operate. There shall be no intrusion into the patient compartment.
- 3) The body mount and pucks shall remain intact as a result of the impacts. There shall be no visual damage to body mounts or floor structure.
- 4) All interior cabinetry and fixtures shall remain in place and undamaged.

This provision requires actual crash testing of an ambulance by high-speed moving vehicles to validate safety and crash worthiness. Crash simulations, acceleration testing, sled testing; barrier testing or other theoretical tests are not sufficient to meet this requirement. Certified documentation from a qualified independent testing laboratory shall be provided with the bid in order to validate compliance with this requirement.

Does your bid meet exactly as specified YES ✓ NO



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**QUALITY ASSURANCE:** The vendor shall inspect and test all systems, electrical loads, per current Federal specification KKK-A-1822 Section 4. Testing results shall be documented and displayed in the Oxygen compartment and/or supplied with the delivery handbook.

**QUALITY/COMPLIANCE ASSURANCE:** A thorough quality/compliance inspection by this agency's employees or this agency's hired representative shall compare the Ambulance to the specifications within 10 calendar days of written notice of vehicle completion by the successful bidder. The notice may be faxed, followed by phone contact. The customer reserves the right to authorize the bidder's DEALER to conduct the inspection provided the DEALER is authorized and qualified to correct quality/compliance issues at the DEALER site.

Does your bid meet exactly as specified YES ☒ NO ☐

**NON-COLLUSIVE BID CERTIFICATION:** By submission of this bid response, the Bidder and/or the Bidder's authorized representatives; certify under penalty of perjury, that to the best of their knowledge and belief the following:

- A) The prices in the bid response have been arrived at independently without collusion, consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such prices with any other Bidder or with any competitor, and;
- B) Unless otherwise required by law, the prices which have been quoted in the bid response have not knowingly been disclosed by the Bidder and will not knowingly be disclosed by the bidder, prior to the public bid opening, either directly or indirectly to any competitor, and;
- C) No attempt has been made or will be made by the Bidder, for the purpose of restricting competition, to induce any person, partnership or corporation not to submit a bid response.

Does your bid meet exactly as specified YES ☒ NO ☐

**DEBARMENT STATUS:** By submission of this bid response, the Bidder and/or its authorized representatives, certify under penalty of perjury, that to the best of their knowledge and belief they are not currently debarred from submitting bids or bid on contracts by any agency within the home state of THIS AGENCY, nor are they an agent of any person or entity that is currently debarred from submitting bids on contracts by any agency within the home state of THIS AGENCY.

**WARNING:** This agency will not tolerate Vendors who state compliance to specifications but deliver an incomplete product and/or sub-standard materials and workmanship. Vendors who have made delivery of such an ambulance without making every reasonable effort to remedy the defects found at the time of delivery or within the warranty period will be notified that they are DEBARRED from submitting bids to this agency in the future. This agency will not waste valuable time (more than



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once) trying to recover legal costs and deal with lost in-service time of new apparatus, working with vendors who are unresponsive to the needs of this agency.

Does your bid meet exactly as specified YES ☒ NO ☐

TYPE III AMBULANCE: The apparatus shall be a Class 1, Configuration A, 2-door cut-a-way van chassis with a transferable, modular, ambulance body.

Does your bid meet exactly as specified YES ☒ NO ☐

## CHASSIS

CHASSIS MAKE: The apparatus shall be mounted on a commercially available cut-away cab and chassis manufactured by Ford Motor Company. The chassis manufacturer shall be the vehicle's point of origin. The chassis shall be supplied by Ford as an incomplete vehicle to the successful ambulance manufacturer. The chassis supplied shall conform to all applicable Federal Motor Vehicle Safety Standards in force at the time of manufacture. A statement of conformity shall be supplied with the chassis in an "Incomplete Vehicle Manual".

Does your bid meet exactly as specified YES ☒ NO ☐

CHASSIS MODEL: The apparatus shall be mounted on a 2021 or newer Ford E-450, cutaway van cab, dual rear wheel, two wheel drive chassis equipped as follows below.

Does your bid meet exactly as specified YES ☒ NO ☐

WHEEL BASE: The wheel base shall be 158 inches with a cab to axle dimension of 100 inches. The wheel base shall be factory supplied by the OEM. Modified wheel bases made from chassis with shorter or longer wheel bases is not acceptable.

Does your bid meet exactly as specified YES ☒ NO ☐

OEM: The acronym OEM is Original Equipment Manufacturer. The OEM is the chassis manufacturer and the vehicles Make Origin.

TRIM PACKAGE: The highest level trim package shall be supplied from the OEM. The package shall include high quality chrome like bright work on the grille face. Chrome plated steel bumper(s) shall also be supplied by the OEM. Argent or painted bumpers are not acceptable. The OEM grille work shall remain OEM. Aftermarket vacuum formed proprietary grille work made by the ambulance manufacturer is not acceptable due to replacement part cost and lack of immediate availability.

Does your bid meet exactly as specified YES ☒ NO ☐

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**TURNING DIAMETER:** The proposed vehicle(s) turning diameter shall not exceed fifty four feet, one inch measured from one curb to another parallel curb. When measured wall to wall, the maximum turning diameter shall not exceed fifty six feet, nine inches.

Does your bid meet exactly as specified YES ☒ NO ☐

**ENGINE:** A 7.3L V-8, gas engine shall be provided with a minimum displacement of 7.3 liters. The engine performance shall comply with or exceed the most current revision of KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

**ENGINE BLOCK HEATER:** A 750 watt 125 volt AC Engine Block Heater package shall be included on the chassis as installed by the chassis OEM manufacturer. It shall remain an independent function requiring manual power connection by the user per the manufacturer's owner's manual. After-market systems will not be acceptable.

Does your bid meet exactly as specified YES ☒ NO ☐

**TRANSMISSION:** A 6-speed, automatic with overdrive transmission shall be provided. A Tow/Haul selectable mode shall be provided that compensates for altitude, grade and load conditions.

Does your bid meet exactly as specified YES ☒ NO ☐

**GROSS VEHICLE WEIGHT RATING (GVWR):** The GVWR of the chassis supplied shall be at least 14,500 pounds.

Does your bid meet exactly as specified YES ☒ NO ☐

**FRONT AXLE WEIGHT RATING (FAWR):** The FAWR shall be rated no less than 5,000 pounds.

Does your bid meet exactly as specified YES ☒ NO ☐

**REAR AXLE WEIGHT RATING (RAWR):** The RAWR shall be rated no less than 9,600 pounds.

Does your bid meet exactly as specified YES ☒ NO ☐

**CAB INTERIOR COLOR:** The color of the cab interior shall be medium flint. All conversion manufacturers' added consoles and devices shall be pleasing in color with the interior color provided by the OEM

Does your bid meet exactly as specified YES ☒ NO ☐

**REAR SUSPENSION - SPRINGS:** The unmodified OEM springs shall be supplied. The springs shall be single stage, constant rate leaf type with a combined 9,450 pound rating, measured at the ground.



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Does your bid meet exactly as specified YES ☒ NO ☐

CAB FLOOR COVERING: The cab floor shall be covered with an OEM black rubber mat.

Does your bid meet exactly as specified YES ☒ NO ☐

BRAKES: 4-wheel anti-lock, power assisted hydraulic brakes shall be supplied by the OEM. The brakes shall be 4-wheel Disc type with Dual piston calipers. The front disc diameter shall be 13.03 inches in diameter and the rear disc shall be 12.90 inches in diameter. The parking brake shall be a foot operated, independent mechanical drive line brake, provided by the OEM.

Does your bid meet exactly as specified YES ☒ NO ☐

TILT STEERING WHEEL: The steering wheel shall be tilt adjustable. An easy to operate, column mounted pull to adjust lever shall lock the steering wheel angle position.

Does your bid meet exactly as specified YES ☒ NO ☐

SPEED CONTROL: Ford Speed Control option Code 525 shall be ordered on the chassis.

Does your bid meet exactly as specified YES ☒ NO ☐

INTERIOR UPGRADE PACKAGE: Ford interior upgrade package shall be ordered and supplied on the chassis. This package shall include:

Cloth Headliner

High trim door panels

Ford option code 21A high back bucket seats

Cloth sun visors

Power Door locks

Power Windows

Insulation package

Does your bid meet exactly as specified YES ☒ NO ☐

DOOR LOCKS: The chassis shall have OEM power door locks. There shall be two remote OEM key fobs included with the package.

# LAFORCHE AMBULANCE DISTRICT NO 1

Does your bid meet exactly as specified YES ☒ NO ☐

DAYTIME RUNNING LIGHTS: Daytime running light option No 942 shall be supplied and installed by the OEM. Both headlights shall come on with the ignition switch.

Does your bid meet exactly as specified YES ☒ NO ☐

SHOCK ABSORBERS: The chassis supplied shall be equipped with one shock absorber for each side of each axle. An OEM selected one and three eighth (1-3/8") inch gas type shock shall control vehicle spring oscillation and dampen road related jounce and harshness. Ambulance related shields, floor members or other devices shall not interfere with shock replacement.

Does your bid meet exactly as specified YES ☒ NO ☐

FUEL TANK: The fuel capacity shall be at least 55 US gallons. The fuel range shall be at least 250 miles per current KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

REAR AXLE TYPE AND RATIO: The axle type shall be a Limited Slip Differential with a 4.56:1 gear ratio.

Does your bid meet exactly as specified YES ☒ NO ☐

SPARE TIRE: One (1) spare tire and wheel assembly shall be supplied. When the tire is to be carried on the unit, the tire hold down shall meet current KKK-A-1822. OEM tire tools shall be provided with the spare.

Does your bid meet exactly as specified YES ☒ NO ☐

SPARE TIRE STOWAGE LOCATION: The spare tire and wheel assembly will be installed in the Left rear compartment of the ambulance body. The spare tire and all the related tools shall be installed in the compartment with the completed vehicle.

Does your bid meet exactly as specified YES ☒ NO ☐

TIRES: All tires shall be identical make, tread type, size and load range. For GVWR the tires shall be LT225/75R16 load range E. A label with the recommended tire pressure shall be located above each wheel opening, unless specified otherwise by the purchaser. All tires shall be balanced per current KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐



# LAFORCHE AMBULANCE DISTRICT NO 1

AMBULANCE PREPARATION PACKAGE 47H: The chassis provided shall be equipped with an Ambulance preparation package 47H designed and installed by the OEM. The package shall be designed to hold up to the demands and duty cycles inherent with Emergency Medical Vehicles. Bidder packages without option 47H are not acceptable to the agency.

Does your bid meet exactly as specified YES ☒ NO ☐

ALTERNATOR - CHARGING SYSTEM: Ford's option No 63N single alternator option shall be supplied and installed by the OEM. The single alternator shall have an output of 240 amperes, measured with an under hood temperature of 200 degrees Fahrenheit. The alternator shall be controlled by the vehicle on board computer. The alternators' output cable, originally connected directly to the positive post of the under hood battery, shall be rerouted to a 3/8" diameter, solid brass junction post. A 2/O positive battery cable shall reconnect the alternator to the batteries from the junction post. The ambulance load cable shall connect under the hood to the aforementioned junction post.

Does your bid meet exactly as specified YES ☒ NO ☐

SIDE REAR VIEW MIRRORS: Dual OEM Mirrors with power adjusted mirror glass and manually telescoping mirror heads shall be mounted to the forward, lower corner of the cab door window. Both mirrors shall feature a bi-directional break-away function to permit folding the mirror heads against body in close quarters. The mirrors shall be seven inches wide by eight inches high and flat on both right and left sides. Convex mirrors shall be provided below each flat glass area on both sides to minimize blind spots.

Does your bid meet exactly as specified YES ☒ NO ☐

REAR SUSPENSION - SPRINGS: The unmodified OEM springs shall be supplied. The springs shall be single stage, constant rate leaf type with a combined 9,450 pound rating, measured at the ground.

Does your bid meet exactly as specified YES ☒ NO ☐

WHEEL/RIM APPEARANCE: All four outside chassis wheels shall be covered in polished stainless steel wheel simulators. The wheel simulator design shall not affect tire and wheel balance when the vehicle is driven between zero and eighty miles per hour. The lugs shall be capped off with bright stainless steel, snap on caps designed to cover wrench marks, normally left on the lug nuts.

Does your bid meet exactly as specified YES ☒ NO ☐

SHOCK ABSORBERS: The chassis supplied shall be equipped with one shock absorber for each side of each axle. An OEM selected one and three eighth (1-3/8") inch gas type shock shall control vehicle spring oscillation and dampen road related jounce and harshness. Ambulance related shields, floor members or other devices shall not interfere with shock replacement.

Does your bid meet exactly as specified YES ☒ NO ☐

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FRONT STABILIZER BAR: A one and three eighth inch diameter, after market replacement anti-sway bar shall be supplied. This bar is larger in diameter than the OEM E-450 Bar. The bar shall regulate body shift and enhance drivability, handling and control. The solid torsional spring steel bar shall be attached at two points on the front axle and two points on the vehicle frame. The OEM Natural rubber bushings shall be replaced with Urethane bushings at all four connection points. The two removable bushings shall be encased with U-shaped, heavy duty two bolt brackets.

Does your bid meet exactly as specified YES ☒ NO ☐

REAR STABILIZER BAR: A one and one half inch diameter, after market replacement anti-sway bar shall be supplied. This bar is larger in diameter than the Ford OEM Rear anti-sway bar. The bar shall regulate body shift and enhance drivability, handling and control. The solid torsional spring steel bar shall be attached at two points on the rear axle and two points on the vehicle frame. The OEM Down link and natural rubber bushings shall be replaced with heavy duty down links with rubber bushings, through bolted the web of the vehicle frame. Urethane bushings at all four connection points shall be encased with U-shaped, heavy duty two bolt brackets.

Does your bid meet exactly as specified YES ☒ NO ☐

SPARE TIRE: One (1) spare tire and wheel assembly shall be supplied. When the tire is to be carried on the unit, the tire hold down shall meet current KKK-A-1822. OEM tire tools shall be provided with the spare.

Does your bid meet exactly as specified YES ☒ NO ☐

SPARE TIRE STORAGE: A full size, fully inflated spare tire shall be stored in the left rear compartment. The tire and wheel assembly shall be fastened to the compartment wall utilizing a winged fastener or a nut that can be removed with the tire iron. A jack and tire tools shall also be provided and clamped into place.

Does your bid meet exactly as specified YES ☒ NO ☐

THROTTLE CONTROL: There shall be a set of diodes and resistors connected to OEM provided wiring to activate the High Idle function when conditions are met. When the vehicle is in Park, parking brake engaged, and the coolant has reached 140 degrees Fahrenheit the high idle system shall activate during a low power indication.

Does your bid meet exactly as specified YES ☒ NO ☐

CAB STEREO: An OEM AM/FM/CD in dash radio and two cab door speakers shall be included with the chassis. The radio features a clock and auxiliary input jack.

Does your bid meet exactly as specified YES ☒ NO ☐



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**CAB DOOR STRAPS:** The cab doors shall have a pair of door straps. The straps shall be constructed of the same webbing material as seat belts. They shall be looped and sewn to allow the full tension of the door to be applied. The loops shall be fed through coated steel "U" shaped bracket and then interred and bolted into place the door and the jamb. These door straps shall alleviate tension from the cab door hinges during full extension.

Does your bid meet exactly as specified YES ☒ NO ☐

**TIRE PRESSURE MONITORING SYSTEM:** There shall be a sensor on each tire valve that is wireless to a receiver which visually will tell the driver pressure and temperature of each tire. Each sensor is designed to allow air filling without removal. The internal battery has a seven year life for worry-free longevity. The display is installed in plain view of the driver.

Does your bid meet exactly as specified YES ☒ NO ☐

**CHASSIS AXLE DIGITAL ALIGNMENT:** The manufacturer shall perform an alignment analysis of the chassis after the ambulance conversion is completed. The chassis shall be located onto an integrated four wheel digital alignment system. The specifications for the specific model year and make of the chassis shall be recalled from the computerized memory system. Independent mobile targets shall be affixed to each wheel. The computerized system of four digital cameras shall interact with the affixed four targets on the wheels to provide precise wheel alignment readout. The alignment readings shall be recorded prior to any adjustment. The alignment shall be analyzed against the specifications for the chassis and the allowable tolerances. If the system registers a reading outside of the allowed tolerance for the chassis, the chassis shall be adjusted as allowed by the OEM chassis manufacturer. The adjustment procedure per wheel location shall follow the allowed OEM manufacturer's recommendations. The alignment of the chassis at all four wheel locations after the alignment adjustments shall be viewed again by the operator and recorded for the unit. The alignment results shall be provided for each completed vehicle upon delivery.

Does your bid meet exactly as specified YES ☒ NO ☐

**TIRE VALVE EXTENDERS:** One pair of tire valve extenders shall supplied and installed for each inside rear wheel. The tire valve extenders shall permit the user to check tire pressure and fill the inside rear tires without removing the outer tire. The extenders shall have a braided stainless steel outer jacket to resist abrasions and cuts. The filler end shall be supported by a valve bracket.

Does your bid meet exactly as specified YES ☒ NO ☐

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## MODULE CONSTRUCTION - GENERAL

**SERVICE INTENT:** The ambulance body shall be all aluminum. The body sheet shall be reinforced with structural members designed to resist deflection and hold up to extreme ambulance service per the latest revision of federal specification KKK-A-1822F.

Does your bid meet exactly as specified YES ☒ NO ☐

**BODY MEMBER ALLOY:** The side, front and rear sheet shall be derived from .125", 5052-H32 aluminum sheet. The roof sheet shall be one (1) piece, .090", from roof rail to roof rail. The side structure and structural shapes shall be extruded of 6105-T6 aluminum.

Does your bid meet exactly as specified YES ☒ NO ☐

**STRUCTURAL INTEGRITY:** The body shall be capable of providing impact, deformation and penetration resistance in the event of a collision. The body structure shall be capable of passing a standalone static load test on a type-tested body. The test shall be conducted in accordance to AMD-001 except the test weight shall be a minimum of 55,000 pounds. The same unit shall be subjected to the same test with the body turned on its side. A complete copy of the testing documents with photos must be supplied upon bid review if requested by this agency. Non-compliant bids will be rejected.

Does your bid meet exactly as specified YES ☒ NO ☐

**WELD QUALITY:** All welds within the modular body shall meet American Welding Society codes for structural and sheet welding. Compliance documentation must be supplied upon bid review if requested by this agency.

Does your bid meet exactly as specified YES ☒ NO ☐

**CREVICE PREPARATION:** All skin and extrusion surfaces destined to be mated together shall be primed with epoxy, etching primer prior to assembly. All overlapping extrusion to skin surfaces shall be bedded with a two part acrylic high strength bonding adhesive.

Does your bid meet exactly as specified YES ☒ NO ☐

**SIDE STRUCTURAL MEMBERS:** The sheet edges will be fit into slots designed within a proprietary, double hollow, corner post extrusion in addition to the two part acrylic bonding agent. The sheet will be MIG welded and structurally bonded to the extrusion. Double-hollow designed corner post extrusions shall be used to weld side and end assemblies together. Horizontally oriented, adjoining structural box tubes shall be welded to the corner post with a minimum 50% surface weld. The intermediate structural members of the side grid shall be two (2) inch by two (2) inch 6105-T6 aluminum, architectural box tubing. All entry and compartment door adjacent members shall be one



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quarter (1/4") inch, two (2) inch by two (2) inch proprietary extruded shape. The main structure shall surround the compartment openings and provide intermediate skin support. The intermediate structure spacing shall have a nominal dimension of twelve (12) inches. All grid structure shall be welded together with a minimum of 75% of available mating surface. The side skin shall be bonded to the structural grid using (1.75") wide, VHB (Very High Bond) adhesive tape. The edges of the tube that touch the skin will be sealed with Bostik Brand, Simson ISR 70-03 Construction Adhesive.

Does your bid meet exactly as specified YES ☒ NO ☐

**SIDE IMPACT RAILS:** There shall be four (4) side impact rails, located in the upper and lower sections of the side walls. They shall consist of 6105-T6 aluminum, that is solid one-half (1/2) inch thick by four (4) inch plate on the curbside and one-half (1/2) inch by four (4) inch plates on the streetside that are continuously MIG welded or Huck structurally fastened to the structural grid. Since this is a safety item, no exceptions will be accepted.

Does your bid meet exactly as specified YES ☒ NO ☐

**SEAT BELT ANCHORAGE:** Occupant seat belts shall be drilled and tapped through one-half (1/2) inch by four (4) inch plate on the curbside and one-half (1/2) inch by four (4) inch plates on the streetside that are continuously MIG welded to the structural grid. Since this is a safety item, no exceptions will be accepted.

Does your bid meet exactly as specified YES ☒ NO ☐

**SIDE SHEET:** The side sheet shall be .125 thick, 5052-H32 aluminum. The side sheet compartment opening cut outs shall be cut with CNC controlled, gantry mounted plasma or high speed routing equipment. The door opening shall be cut to allow for the skin to be molded into the jamb opening to create a crevice free jamb with a smooth paint finish. The machine formed skin shall return into the body at least 3/4" to meet the jamb extrusion. This method will encourage square openings to receive the door assemblies and maintain critical structural locations. The door jamb shall have a full structure frame behind the jamb skin return. It shall not rely strictly on the skin for the compartment jamb. Pre-determined ventilation louvers shall be *formed* into the body sheet, where specified. Bodies that do not incorporate formed louvers have the potential for additional corrosion points and are not preferred by this agency.

Does your bid meet exactly as specified YES ☒ NO ☐

**SEAMLESS DOOR JAMBS:** The door jambs of the module shall be seamless. A seamless door jamb exterior is required to minimize corrosion. Extruded type exposed door jambs do not meet this specification. The skin shall completely conceal the door-jamb from view. The only visible seams on the body sheet shall be at the corner posts. The skin shall extend .688" below the skirt rail extrusion to a drip edge to keep moisture from collecting underneath where the skin meets the skirt rail extrusion.



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Does your bid meet exactly as specified YES ☒ NO ☐

**CORNER POST EXTRUSION:** The corners of the modular body shall be made from an extruded aluminum structure that has an alloy of 6105-T6. The corner post extrusion shall be 3.25" x 3.25" with a 2" radius on the outer corner. The corner post extrusion shall have an internal web member that runs on a 45 degree angle to the front and side of the modular body. Where the internal web meets the exterior extrusion wall the internal web shall flair into a .125-inch" radius giving a .25" wall thickness at the exterior wall of the extrusion. There shall be a .75" flange on each side of the corner post extrusion that is a side skin receiver. The side skin receiver shall be funnel shaped to allow the exterior side skin to fully seat into the corner post extrusion. The interior walls of the corner post extrusion shall be .125" thick and they shall incorporate a 45 degree weld bevel on the interior corners.

Does your bid meet exactly as specified YES ☒ NO ☐

**REAR SILL EXTRUSIONS:** The rear body and floor substructure shall be constructed of a dual proprietary aluminum extrusion with mating joints. The lower floor extrusion is a combination continuous extrusion with an incorporated L mating surface. The lower door extrusion is a multi-chamber construction with matching radius corner and surfaces to the floor sill. This combination of extrusion and joint structure provides for strong joint strengths, and continuous contact surface between the floor sill and the outer-body door extrusion.

Does your bid meet exactly as specified YES ☒ NO ☐

**FRONT AND SIDE WALL GUSSET PLATES:** The front wall and side wall structural members shall have additional support with a fully welded gusset system that shall be made of 5052-H32 aluminum plate, one quarter (1/4) inch thick by four (4) inch by four (4) inch.

Does your bid meet exactly as specified YES ☒ NO ☐

**REAR AND SIDE WALL GUSSET PLATES:** The rear wall and side wall structural members shall have additional support with a fully welded gusset system that shall be made of 5052-H32 aluminum plate, one quarter (1/4) inch thick by four (4) inch by four (4) inch.

Does your bid meet exactly as specified YES ☒ NO ☐

**ROOF RAIL EXTRUSIONS:** The roof corners of the modular body shall be made from an extruded aluminum structure that has an alloy of 6105-T6. The roof rail extrusion shall be 4.55" x 3.5" with a 2" radius on the outer corner. A full length drip rail shall be incorporated into the roof rail corner post extrusion, drip rails at the top of the modular body that are not inclusive of the roof rail extrusion do not meet the intent of the specification and are deemed non-compliant to this specification. The roof rail extrusion shall have an internal web member that runs on a 45 degree angle to the front and side of the modular body. Where the internal web meets the exterior extrusion wall the internal web shall



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flair into a .125" radius giving a .25" wall thickness at the exterior wall of the extrusion. There shall be a .75" flange on the lower side of the roof rail extrusion that is a side skin receiver. The side skin receiver shall be funnel shaped to allow the exterior side skin to fully seat into the roof rail extrusion. There shall be a .75" x .125" recess into the roof side of the extrusion for locating the roof sheeting. This recess shall have a 45 degree weld bevel. The interior wall of the roof rail extrusion that is in-board of the side skin funnel shall be 2" wide so that they line up with the exterior side wall. The interior wall of the roof rail extrusion that is in-board of the roof sheeting recess shall be 2.25" wide so that they line up with the 2.25" roof bows. The interior walls of the roof rail extrusion shall be .125" thick and they shall incorporate a 45 degree weld bevel on the interior corners.

Does your bid meet exactly as specified YES ☒ NO ☐

ROOF SHEET: The four (4) edges of the sheet shall be continuously welded to the roof rail extrusion to prevent leaks. All perimeter welds shall be ground smooth and worked smooth prior to the overall body paint and finish. Non-fully welded roof sheets to the roof rail extrusions do not meet the intent of this specification and are deems non-compliance to this specification.

Does your bid meet exactly as specified YES ☒ NO ☐

ROOF BOWS: The roof sheet shall be supported by full width .125" x 2" x 2.25" architectural box tubing. The roof bows shall be located on twelve (12) inch centers. The roof bows shall be MIG welded to the roof rail extrusions with no less than four (4) and one-half (1/2) inches of continuous weld per end. The roof sheet shall be bonded to the roof bows with VHB (Very High Bond) adhesive tape.

Does your bid meet exactly as specified YES ☒ NO ☐

LATERAL ROOF SUPPORTS: If this agency requires ducted ceiling HVAC, additional structural support will be added as a result of the 2" ducted heat and A/C delivery system. 2" x 2" three sided extruded channel with two sides being .125" thick and the bottom surface for fastener acceptance to be .160" shall be full length of the body.

Does your bid meet exactly as specified YES ☒ NO ☐

ROOF CORNERS: The roof rail extrusions shall be welded together along the roof bow mating walls at the corners. In addition, the outer surfaces of the roof rail extrusions shall be 100% continuously TIG welded to cast aluminum corner castings. The castings shall have internal mating flanges that extend horizontally inside the upper roof rail extrusion and vertically down the corner post extrusions. The corner roof castings shall have accommodations for number six nylon inserts to retain corner cap marker combination warning lights when they are specified. The nylon inserts shall provide isolation of the retaining screw of the light from the casting materials.

Does your bid meet exactly as specified YES ☒ NO ☐



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**FLOOR MEMBERS:** Floor structures shall be 6105-T6 aluminum, 2.000 by 2.500 inch hollow section architectural box tubing aluminum. This shape tubing allows for half-inch plate to be recess to which floor mounted items can be securely connected. Each member shall have a defined bevel built into the extrusion die to allow for full weld penetration on the edge of the extrusions.

Does your bid meet exactly as specified YES ☒ NO ☐

**FLOOR HORIZONTAL GUSSET PLATES:** The floor member to side wall fully welded horizontal gusset system shall be made of 5052-H32 aluminum plate, four (4) inch by four (4) inch triangles. A minimum of 12 gussets shall be located horizontally connecting cross members to longitudinal main center members at each main cross member site.

Does your bid meet exactly as specified YES ☒ NO ☐

**FULL WIDTH CROSS MEMBERS:** The module floor shall provide core support for the side assemblies and shall incorporate a minimum of four(4) full body width floor members. The full width floor members shall connect to and support the side wall assemblies. Each member shall be made of 6105-T6 aluminum. The front floor tube is to be a minimum of 3.000 x 2.000 x .250 inch thick 6105-T6 aluminum tube which is fully MIG welded into the front corner post at each side of the vehicle. On top of the tube is to be a minimum .188 thick 5052 aluminum front sill running full width of the body. One of the members located just forward and/or rear of the rear wheel housing shall be 2.000 by 2.500 inch proprietary hollow section architectural box tubing. The last floor cross-member shall be a 2.375 x 3.188 6105-T6 aluminum proprietary shape proof tube on the rear wall which is fully MIG welded into the rear corner posts at each side of the vehicle. This tube is butted up and welded to a 2.000 x 1.000 x .125 thick 6105-T6 tube which is also fully MIG welded to the rear corner post. A minimum of eight (8) total 6" vertical gussets, (1/4) inch thick will be installed to reinforce two (2) at each cross member and sidewall tubes directly fore and aft of the axle.

Does your bid meet exactly as specified YES ☒ NO ☐

**FLOOR SYSTEM CANTILEVER BEAMS:** There shall be cantilever floor beams used at intermittent body points running from the opposite main interior wall beam to the opposite exterior wall at the location between exterior compartments. The use of cantilever beams increases the strength of the overall floor system and support to the compartments.

Does your bid meet exactly as specified YES ☒ NO ☐

**WHEEL WELLS:** There shall be formed wheel well housings installed into the module body to provide sufficient clearance for the rear axle movement based on the chassis jounce study and suspension choice selected. The wheel well shall be formed of smooth aluminum and secured to the floor tube structure system. The wheel well shape shall be multi-angular with vertical riser and flat top to provide the most efficient use of space inside of the module, while providing the required jounce



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clearance underneath for the chassis tire movement. Wheel wells that are radius shaped are not acceptable to this agency, as they are unnecessarily tall and inefficient in space usage.

Does your bid meet exactly as specified YES ☒ NO ☐

**WATER TIGHT PATIENT CABIN:** The sub floor shall be shielded from moisture. A forty (40) mil thick aluminum sub sheet shall be sealed to the floor structure with silicone sealant. Additional aluminum plates shall be intermittent welded between compartments, wheel well liners, step wells and fuel filler housings. All of the areas shall be thoroughly sealed from one to the other, creating a sealed patient cabin from the outside. Extrusion hollows shall be filled with expandable foam sealant to prevent fumes and moisture from entering.

Does your bid meet exactly as specified YES ☒ NO ☐

## DOOR CONSTRUCTION

**DOOR SKIN:** No welded seams are allowed, only one piece formed corners. The door skin shall be .090 thick, 5052-H32 aluminum sheet formed on all four sides utilizing an ACF Multiflex Corner Former Model MF 25 to create a crevice free surface for best paint adhesion and corrosion resistance. The formed edges shall not have elongation cracks due to forming and shall maintain material thickness uniformly over the entire sheet. The formed edges uniformly round off seamless for better paint adhesion and aesthetic appeal that does not require cutting and welding in the corners.

Does your bid meet exactly as specified YES ☒ NO ☐

**DOOR FRAMING:** The door frame shall reinforce the perimeter of the skin pan. The extrusion shall incorporate a T-slot to receive an extruded, hollow, dual durometer closed cell UV protected TPV gaskets with relief holes for even compression for a proper and complete seal from the door to the door jamb. The gasket corners shall be welded without using adhesives for bonding. The door frame extrusion shall also add torsion resistance to the door assembly. The door jamb extrusion and frame extrusion shall be cut 45 degree on each corner. Each of the four corners shall incorporate a key way and spline that is designed to drive into each corner and maintain a perfect 90 degree angle prior to welding. The door castings shall include gusset plates for additional support for the door construction. The door frame shall also incorporate a clearance way for UNF threaded blind fasteners for the door panels. The door panel shall not rest on the body of the blind fasteners.

Does your bid meet exactly as specified YES ☒ NO ☐

**FINAL DOOR ASSEMBLY:** The door skin shall be bonded to the frame assembly with an adhesive sealant in addition to intermittent welding. For entry doors: Additional, horizontal structure shall be added to maintain door skin flatness as well as penetration resistance in the event of a collision. The horizontal members are extruded J-channel, 0.150" thick. A minimum of two (2) horizontal members shall be welded in. A vertically oriented 0.150" thick formed hat-channel shall be welded to the webs of both horizontal channels for additional buckling resistance. Compartment doors shall have a



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reinforcement system of horizontal or horizontal/vertical structure added to maintain skin flatness and impact resistance.

Does your bid meet exactly as specified YES ☒ NO ☐

**ENTRY DOOR WINDOW(S) OPENINGS:** The entry door(s) shall incorporate recessed areas that are stamped into the outer door skin to allow for a flush window appearance and shall not protrude with a lip on the outer door skin of the modular body. **NO EXCEPTIONS**

Does your bid meet exactly as specified YES ☒ NO ☐

**DOOR PANELS:** The inside entry door panels shall be made of (.080") thick aluminum plate and shall be finished per these specifications later in this document. The center panel shall be removable for easy lock service/lubrication. The inside of the compartment door panels shall be made of (.080") thick polished aluminum diamond plate. The edges of the door panel shall be recessed into the door frame extrusion. The panels shall be fastened to the door frame with stainless steel, #10-32 UNF machine screws threaded into aircraft quality blind fasteners. Each fastener shall have an internal tooth lock washer to preclude loosening.

Does your bid meet exactly as specified YES ☒ NO ☐

**DOOR JAMB:** The door jamb shall accommodate rigid fastening of compartment door hinges. The jamb shall include a hollow cell that shall conceal wiring for the non-mechanical door switch. The door jamb frame shall be cut 45 degree on each corner from the door edge corner, each of the four corners shall consist of a key way and spline that is designed to drive into each corner and maintain a perfect 90 degree angle prior to welding. Additionally, the jamb shall be continuously MIG welded on the inside and the outside corners. *A seamless door jamb exterior is required to minimize corrosion - extruded type door jambs do not meet this specification. The skin shall completely conceal the door-jamb from view. "No Exterior Door Extrusions Allowed".*

Does your bid meet exactly as specified YES ☒ NO ☐

**HINGE:** All doors shall have stainless steel, continuous, piano hinge. The pin diameter shall be .250 and staked into place to prevent drifting out of the hinge leaf. The knuckle lengths shall be one inch.

**DOOR HINGE BOLTS:** The hinge attachment bolts shall be one quarter inch diameter by one inch long stainless steel type TT (Thread Rolling Screws) hex head bolts with SermaGard protective coatings. Each bolt shall be treated with the aluminum filled basecoat/resin-bonded fluoropolymer topcoat system. The SermaGard 1105/1280 protective coated bolt system is designed to provide outstanding salt and dissimilar metal corrosion protection versus bolts treated with pastes and liquids. The SermaGard coating provides UV weathering resistance while protecting the aluminum tube structures and stainless steel hinges from dissimilar metal contacts. The SermaGard provides a sacrificial corrosion protection. Body manufacturers that do not use bolts treated with SermaGard



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1105/1280 are providing substandard protection from corrosion and are not acceptable. Thread cutting screws to attach exterior compartment doors or hinges to the body are not acceptable.

Does your bid meet exactly as specified YES ☒ NO ☐

**LATCHES:** The latches shall meet FMVSS 206. All latches shall be two-stage, rotary- type. The latches shall be through bolted to the door frame extrusion. All entry doors shall have two rotary latches per door. To assure uniform latch timing and functional door reliability, only straight, one-quarter (1/4) inch diameter rods shall connect the latches to the handle. All double hung compartment doors shall have two rotary latches per door.

Does your bid meet exactly as specified YES ☒ NO ☐

**NADER PINS:** All nader pins shall be headed to prevent the door(s) from opening under impact. They shall be hex headed Grade-8 fully adjustable with a 5/16" thick knurled stainless steel retainer plate to keep the nader pin from moving out of setting after adjusted. The opening in the door jamb extrusion shall be large enough to allow full adjustment with the nader pin washer covering the hole. Manufacturers that use nader pins without knurled retainers are not acceptable to this agency as they will require more frequent readjustment.

Does your bid meet exactly as specified YES ☒ NO ☐

## MOUNTING

**MOUNTING SYSTEM:** The outside dimension, across the frame rails on this chassis is forty-two inches. Ford provides ten factory punched one and one-half inch diameter mounting holes in the frame. The aftermarket provider shall drill (not torch) two additional holes within seven inches of the end of the OEM frame. Outrigger mounts on this chassis are not acceptable. Outriggers are not necessary and restrict compartment depth.

Does your bid meet exactly as specified YES ☒ NO ☐

**MOUNTING SYSTEM:** The system shall incorporate a dual neoprene vibration isolator system and support for the body's mounting sill. The system shall consist of a top locking nut, the one inch aluminum flat bar, an upper stainless steel bushing, a pre-loaded neoprene upper vibration isolator, the OEM frame rail, then a lower pre-loaded neoprene isolator, a stainless lower washer and finally the bolt head that passes through the assembly. All mounting sills shall be made of one inch thick by three inch wide solid aluminum flat bar. A grade eight half-inch diameter by four inch long hex-head bolt shall be used to bolt the sill down at each isolator site. The lower neoprene isolator shall be 21% less in firmness than the upper isolator to provide a dynamic separation of road vibration from the chassis frame into the modular body. Body mounting systems using only a single mounting isolator shall not be acceptable as they provide inferior mounting vibration isolation.

# LAFOURCHE AMBULANCE DISTRICT NO 1

Does your bid meet exactly as specified YES ☒ NO ☐

## MODULE CONFIGURATION

OVER ALL LENGTH: The overall length of the vehicle shall not exceed twenty three (23) feet, nine (9) inches. The departure angle and length shall meet or exceed the current revision of Federal Specification KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

MODULE LENGTH: The module length shall be at least one hundred seventy two (172) inches.

Does your bid meet exactly as specified YES ☒ NO ☐

MODULE WIDTH: The module width shall comply with the current revision of Federal Specification KKK-A-1822. The module shall be ninety five (95) inches wide, excluding lights and accessories.

Does your bid meet exactly as specified YES ☒ NO ☐

MODULE HEAD ROOM: The module shall not be less than seventy two (72) inches actual measured headroom. The measurement shall be taken from the patient compartment floor to the ceiling panels.

Does your bid meet exactly as specified YES ☒ NO ☐

MODULE EXTERIOR HINGES: There shall be installed stainless steel hinges with standard mill finish for all exterior compartments and entry doors on the module. These hinges shall features slots for mounting and adjustment of the doors. The finished module paint and special mounting mounting bolts with Serpa coatings shall assist in detering the stainless steel hinges from dissimilar metal corrosion.

Does your bid meet exactly as specified YES ☒ NO ☐

CAB EXTENSION: The cab length shall be extended ten (10) inches beyond the OEM cab back. With the seat backs set in a normal, comfortable angle, both driver and passenger seats must have 100% of the OEM seat travel without interference between the seat and the finished bulkhead wall. A rigid integral aluminum channel frame shall be built into the body front to accommodate this requirement. The channel frame shall extend from the module floor to the roof rail as well as a horizontal channel that is height aligned with the cab roof. The cab extension frame work shall enhance the strength of the cab and shall be positioned to receive twenty five (25), 1/4" x 28 cab to body attachment bolts. The cab extension area shall be professionally finished in heavy duty vinyl upholstered plywood panels. The vinyl color shall be keyed to the cab and all fasteners shall be concealed with snap on, upholstered button shaped caps. Fiberglass cowls or cab extensions are not



# LAFORCHE AMBULANCE DISTRICT NO 1

acceptable. Fiberglass extensions tend to crack, leak and offers little structural enhancements to the cab.

## NO EXCEPTIONS

Does your bid meet exactly as specified YES ☒ NO ☐

## COMPARTMENT CONSTRUCTION

**MATERIALS:** Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate. All compartment floors shall be formed of .125 aluminum sheet. Compartments for generators, oxygen, and backboards will have .250 compartment floors. All compartment ceilings shall be formed of .090 aluminum sheet. The ceilings and floors shall form around the sides and back to provide an overlapping joint. The floor and ceiling surfaces shall be double action (DA) sanded to 180 grit. The floors and ceilings are bonded to the walls and back and intermittent welded on six (6) inch centers.

Does your bid meet exactly as specified YES ☒ NO ☐

**DRAIN HOLES:** Drain holes shall be provided on the bottom of the compartments. Each hole shall be baffled to prevent splash water from entering the compartment.

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT FLOOR CONFIGURATION:** This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform.

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT FLOOR THICKNESS:** The compartment floor shall be .125 inch thick aluminum of single layer.

Does your bid meet exactly as specified YES ☒ NO ☐

**VENTILATION:** There shall be a hole in the compartment below floor line approximately 5-3/8" wide x 2-9/32" tall that will accept a specially designed baffled vent. The baffles shall have a stainless steel spring that allow for only one way operation. They allow air to escape out of the compartment when the door is closed, but not for air to come back into the compartment to keep dirt and dust out of the compartment interior. Engineering shall determine the amount of these vents required by the volume of space in the compartment.

Does your bid meet exactly as specified YES ☒ NO ☐

# LAFOURCHE AMBULANCE DISTRICT NO 1

**CURB SIDE ACCESS DOOR:** The curbside access door shall be at least 73 13/16" high by 31" wide measured at the door jamb opening.

Does your bid meet exactly as specified YES ☒ NO ☐

**JAMB PROTECTION:** At the curbside module entry door, a full width, formed, stainless steel jamb protection plate shall be provided to prevent heavy traffic from chipping the paint.

Does your bid meet exactly as specified YES ☒ NO ☐

**DOOR CHECK:** The curbside entry door shall be equipped with a door check (hold open) device. All vertically hinged doors in excess of 13" pass through width shall have a gas operated bi-directional spring shock door check. Door check brackets shall be drilled and tapped through a minimum of 3/8" material to preclude coming loose.

Does your bid meet exactly as specified YES ☒ NO ☐

**DOOR SWING:** The compartment door checks shall be installed to allow the door to open ninety degrees (90-110) from the fully closed position.

Does your bid meet exactly as specified YES ☒ NO ☐

**CURB SIDE ACCESS DOOR LOCATION:** The module side entry door shall be located on the curbside of the module, just rearward of the ALS cabinet to provide efficient egress into the module.

Does your bid meet exactly as specified YES ☒ NO ☐

**STEP WELL:** A curbside entry door shall feature a dual step "step well" to assist in patient cabin egress. The step shall have a tread dimension with the upper tread as not less than 10 inches and the lower step of nine and three quarter inches. The riser dimension shall not exceed twelve and three quarter inches, measured from the step tread to the floor of the patient cabin. A right angled trim, made of bright aluminum diamond plate, shall be formed over the flooring material and wrap around the 3-sided perimeter of the step well. The left or rearward side of the stepwell shall feature a recessed portion to allow for the inclusion of mounting a fire extinguisher. The secondary step shall feature a camphor corner to the step. Step well material shall be 0.100 thick, polished aluminum diamond plate. The step well shall be illuminated. The step well shall meet or exceed Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

**STEP WELL ILLUMINATION:** 3" Kinequip brand #KML-W-SC White LED light, with Chrome Bezel shall illuminate the curbside step well per the current revision of Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐



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LEFT FRONT COMPARTMENT (M-1): This compartment shall be located in the left front corner of the modular body. The minimum compartment dimensions shall be 79.8" high x 21.6" wide x 19.4" deep.

Does your bid meet exactly as specified YES ☒ NO ☐

## COMPARTMENT CONSTRUCTION

MATERIALS: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate. All compartment floors shall be formed of .125 aluminum sheet. Compartments for generators, oxygen, and backboards will have .250 compartment floors. All compartment ceilings shall be formed of .090 aluminum sheet. The ceilings and floors shall form around the sides and back to provide an overlapping joint. The floor and ceiling surfaces shall be double action (DA) sanded to 180 grit. The floors and ceilings are bonded to the walls and back and intermittent welded on six (6) inch centers.

Does your bid meet exactly as specified YES ☒ NO ☐

DRAIN HOLES: Drain holes shall be provided on the bottom of the compartments. Each hole shall be baffled to prevent splash water from entering the compartment.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT DOOR PANEL: The inside door panel of this compartment shall be diamond plate.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT FINISH: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate.

Does your bid meet exactly as specified YES ☒ NO ☐

VENTILATION: There shall be three sets of six louver punches on the outside and inside door panel to properly ventilate the electrical components located in the above mentioned compartment.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT FLOOR CONFIGURATION: This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform.

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Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT FLOOR THICKNESS: The compartment floor shall be .25 inch thick aluminum of single layer.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT DOOR: A single, forward hinged, compartment door shall be set for this compartment. The door shall have a single handle and two rotary latches.

Does your bid meet exactly as specified YES ☒ NO ☐

DOOR CHECK: The compartment door(s) in excess of 13" pass through width shall be equipped with a door check (hold open) device. All vertically hinged doors in excess of 13" pass through width shall have a gas operated bi-directional spring shock door check. Door check brackets shall be drilled and tapped through a minimum of 3/8" material to preclude coming loose.

Does your bid meet exactly as specified YES ☒ NO ☐

DOOR SWING: The compartment door checks shall be installed to allow the door to open ninety to 100 degrees (90 up to 100) from the fully closed position.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT LIGHT: One (1) Kinequip Brand 12V 8" LED strip light, Model #10881 shall be mounted in the compartment, per customer specified location.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT BACK WALL BUILD OUT: The back wall of the compartment shall be built to reduce the depth of the compartment to 14" deep.

Does your bid meet exactly as specified YES ☒ NO ☐

LEFT FRONT MIDDLE COMPARTMENT (M-2): This compartment is located adjacent and rearward to the left front compartment. The minimum compartment dimensions shall be 31 1/2" High x 44 1/2" Wide x 19 7/16" Deep.

Does your bid meet exactly as specified YES ☒ NO ☐

## COMPARTMENT CONSTRUCTION

MATERIALS: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate. All compartment floors shall be formed of .125 aluminum sheet. Compartments for generators, oxygen, and backboards will have .250 compartment



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floors. All compartment ceilings shall be formed of .090 aluminum sheet. The ceilings and floors shall form around the sides and back to provide an overlapping joint. The floor and ceiling surfaces shall be double action (DA) sanded to 180 grit. The floors and ceilings are bonded to the walls and back and intermittent welded on six (6) inch centers.

Does your bid meet exactly as specified YES ☒ NO ☐

**DRAIN HOLES:** Drain holes shall be provided on the bottom of the compartments. Each hole shall be baffled to prevent splash water from entering the compartment.

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT DOOR PANEL:** The inside door panel of this compartment shall be diamond plate.

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT FINISH:** Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate.

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT FLOOR CONFIGURATION:** This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform.

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT FLOOR THICKNESS:** The compartment floor shall be .125 inch thick aluminum of single layer.

Does your bid meet exactly as specified YES ☒ NO ☐

**ADJUSTABLE SHELF:** A standard duty aluminum adjustable shelf shall be provided. The shelf shall be formed of .125 (1/8") thick aluminum, with 2 inch upward turned lips on all four sides. The shelf shall be mounted on Unistrut infinitely adjustable, aluminum extruded, heavy duty shelf track. Incrementally adjustable, non-aluminum shelf track is not acceptable.

Does your bid meet exactly as specified YES ☒ NO ☐

**SHELF BRACKET:** Each above exterior adjustable shelf shall include four (4) self gusseted .157" thick shelf brackets that will allow for easy adjustment up and down for each shelf. Each bracket shall be secured to the shelf by carriage head bolts on the top of the shelf and hex head bolts to secure

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them to the shelf tracking material in the compartments. This will guard against shelf deformation in the compartments when the shelves are secured in place.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT DOORS: A set of double hinged compartment doors shall be set for this compartment. Each door shall have a single handle and two rotary latches.

Does your bid meet exactly as specified YES ☒ NO ☐

DOOR CHECK: The compartment door(s) in excess of 13" pass through width shall be equipped with a door check (hold open) device. All vertically hinged doors in excess of 13" pass through width shall have a gas operated bi-directional spring shock door check. Door check brackets shall be drilled and tapped through a minimum of 3/8" material to preclude coming loose.

Does your bid meet exactly as specified YES ☒ NO ☐

DOOR SWING: The compartment door checks shall be installed to allow the door to open ninety to 100 degrees (90 up to 100) from the fully closed position.

Does your bid meet exactly as specified YES ☒ NO ☐

ADJUSTABLE SHELF: A standard duty aluminum adjustable shelf shall be provided. The shelf shall be formed of .125 (1/8") thick aluminum, with 2 inch upward turned lips on all four sides. The shelf shall be mounted on Unistrut infinitely adjustable, aluminum extruded, heavy duty shelf track. Incrementally adjustable, non-aluminum shelf track is not acceptable.

Does your bid meet exactly as specified YES ☒ NO ☐

SHELF BRACKET: Each above exterior adjustable shelf shall include four (4) self gusseted .157" thick shelf brackets that will allow for easy adjustment up and down for each shelf. Each bracket shall be secured to the shelf by carriage head bolts on the top of the shelf and hex head bolts to secure them to the shelf tracking material in the compartments. This will guard against shelf deformation in the compartments when the shelves are secured in place.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT LIGHT: One (1) Kinequip Brand 12V 8" LED strip light, Model #10881 shall be mounted in the compartment, per customer specified location.

Does your bid meet exactly as specified YES ☒ NO ☐

AUXILIARY CONDENSER: The module A/C system shall employ a separate condenser for the rear HVAC system. The condenser shall be through bolted to brackets that are welded to the body under



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the Street side M-2 compartment. Two electric cooling fans shall be mounted to the core assembly and blow toward the road. The condenser fans shall come on when either the cab or the patient cabin A/C unit is turned on.

Fan blades shall be protected by a high impact resistant grille work that is molded into the fan body. All fan wiring shall be routed, secured and protected from road hazards. The condenser body shall not fall within the vehicles maximum ramp break over angle. None of the OEM Cab HVAC system components may be tied into for the rear AC system.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT FLOOR THICKNESS: The compartment floor shall be .25 inch thick aluminum of single layer.

Does your bid meet exactly as specified YES ☒ NO ☐

CONDUIT No 1: An empty one and one half inch diameter conduit expressly designed to add wires after vehicle delivery by the end user or his/her authorized agent shall be supplied and installed. The conduit shall be have semi-rigid, non-conductive liner that is free of inside ridges that can bind on the wire harness being pulled through the conduit. The outer jacket shall be a non-conductive, spiraled rigid coil designed to maintain the original shape of the liner, throughout the length of the conduit run.

Does your bid meet exactly as specified YES ☒ NO ☐

ORIGINATION POINT: The aforementioned conduit shall originate in the left front middle (M-2), exterior compartment.

TERMINATION POINT: The aforementioned conduit shall terminate in the patient cabin behind the main action area control panel.

Does your bid meet exactly as specified YES ☒ NO ☐

LEFT REAR COMPARTMENT (M-3): This compartment shall be located in the left rear corner of the body. The minimum compartment dimensions shall be 31 1/2" High x 33 1/8" Wide x 11" deep.

Does your bid meet exactly as specified YES ☒ NO ☐

## COMPARTMENT CONSTRUCTION

MATERIALS: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate. All compartment floors shall be formed of .125 aluminum sheet. Compartments for generators, oxygen, and backboards will have .250 compartment floors. All compartment ceilings shall be formed of .090 aluminum sheet. The ceilings and floors

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shall form around the sides and back to provide an overlapping joint. The floor and ceiling surfaces shall be double action (DA) sanded to 180 grit. The floors and ceilings are bonded to the walls and back and intermittent welded on six (6) inch centers.

Does your bid meet exactly as specified YES ☒ NO ☐

**DRAIN HOLES:** Drain holes shall be provided on the bottom of the compartments. Each hole shall be baffled to prevent splash water from entering the compartment.

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT DOOR PANEL:** The inside door panel of this compartment shall be diamond plate.

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT FINISH:** Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate.

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT FLOOR CONFIGURATION:** This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform.

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT DOOR:** A single, forward hinged, compartment door shall be set for this compartment. The door shall have a single handle and one rotary latch.

Does your bid meet exactly as specified YES ☒ NO ☐

**ADJUSTABLE SHELVES:** Two (2) standard duty aluminum adjustable shelves shall be provided. The shelves shall be formed of .125 (1/8") thick aluminum, with 2 inch upward turned lips on all four sides of each shelf. The shelves shall be mounted on Unistrut infinitely adjustable, aluminum extruded, heavy duty shelf track. Incrementally adjustable, non-aluminum shelf track is not acceptable.

Does your bid meet exactly as specified YES ☒ NO ☐

**DOOR CHECK:** The compartment door(s) in excess of 13" pass through width shall be equipped with a door check (hold open) device. All vertically hinged doors in excess of 13" pass through width shall



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have a gas operated bi-directional spring shock door check. Door check brackets shall be drilled and tapped through a minimum of 3/8" material to preclude coming loose.

Bidder Complies

**SHELF BRACKET:** Each above exterior adjustable shelf shall include four (4) self-gusseted .157" thick shelf brackets that will allow for easy adjustment up and down for each shelf. Each bracket shall be secured to the shelf by carriage head bolts on the top of the shelf and hex head bolts to secure them to the shelf tracking material in the compartments. This will guard against shelf deformation in the compartments when the shelves are secured in place.

Does your bid meet exactly as specified YES ☒ NO ☐

**DOOR SWING:** The compartment door checks shall be installed to allow the door to open ninety to 100 degrees (90 up to 100) from the fully closed position.

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT LIGHT:** One (1) Kinequip Brand 12V 8" LED strip light, Model #10881 shall be mounted in the compartment, per customer specified location.

Does your bid meet exactly as specified YES ☒ NO ☐

**RIGHT REAR COMPARTMENT (M-5):** This compartment shall be located in the right rear corner of the body. The minimum compartment dimensions shall be 79 13/16" High x 25 1/2" Wide x 21" Deep.

Does your bid meet exactly as specified YES ☒ NO ☐

## COMPARTMENT CONSTRUCTION

**MATERIALS:** Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate. All compartment floors shall be formed of .125 aluminum sheet. Compartments for generators, oxygen, and backboards will have .250 compartment floors. All compartment ceilings shall be formed of .090 aluminum sheet. The ceilings and floors shall form around the sides and back to provide an overlapping joint. The floor and ceiling surfaces shall be double action (DA) sanded to 180 grit. The floors and ceilings are bonded to the walls and back and intermittent welded on six (6) inch centers.

Does your bid meet exactly as specified YES ☒ NO ☐

**DRAIN HOLES:** Drain holes shall be provided on the bottom of the compartments. Each hole shall be baffled to prevent splash water from entering the compartment.

Does your bid meet exactly as specified YES ☒ NO ☐

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COMPARTMENT DOOR PANEL: The inside door panel of this compartment shall be diamond plate.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT FINISH: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate.

Does your bid meet exactly as specified YES ☒ NO ☐

CEILING VENTILATION: Specified compartments shall have a hat channel at the ceiling level. The hat channel shall run to no closer than 1" from the compartment side walls to allow for air exchange. Hidden from view, shall be two to three, (4") holes above the hat channel to exhaust the compartment air when the door is closed to allow it to close with minimal effort.

Does your bid meet exactly as specified YES ☒ NO ☐

VENTILATION: There shall be three sets of six louver punches on the outside and inside door panel to properly ventilate the electrical components located in the above mentioned compartment.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT FLOOR CONFIGURATION: This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT FLOOR THICKNESS: The compartment floor shall be .125 inch thick aluminum of single layer.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT DOOR: A single, forward hinged, compartment door shall be set for this compartment. The door shall have a single handle and two rotary latches.

Does your bid meet exactly as specified YES ☒ NO ☐

DOOR CHECK: The compartment door(s) in excess of 13" pass through width shall be equipped with a door check (hold open) device. All vertically hinged doors in excess of 13" pass through width shall have a gas operated bi-directional spring shock door check. Door check brackets shall be drilled and tapped through a minimum of 3/8" material to preclude coming loose.



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Does your bid meet exactly as specified YES ☒ NO ☐

**DOOR SWING:** The compartment door checks shall be installed to allow the door to open ninety to 100 degrees (90 up to 100) from the fully closed position.

Does your bid meet exactly as specified YES ☒ NO ☐

**ADJUSTABLE DIVIDERS:** Two semi-rigid adjustable dividers shall be formed of 5052-H32 aluminum sheet. One divider shall be sixty inches (60") high by fourteen inches (14") deep measured from the track; and have a two inch return flange formed along the sixty inch edge for mounting. The second divider shall be thirty inches (30") high by fourteen inches (14") deep measured from the track and have a two inch return flange formed along the thirty inch edge for mounting. All corners on the dividers shall be rounded or chamfered. One fixed, horizontally oriented shelf shall be formed of 5052-H32 aluminum sheet. The shelf shall be fastened to the right wall of the compartment and to the adjacent divider. The shelf shall be eight inches (8") wide by fourteen inches (14") deep. The shelf shall not have a lip and shall be positioned 42" from the compartment floor. The exposed edges of the dividers and shelf shall be covered with automotive edge trim. Two full width horizontally oriented, Unistrut C-channel tracks shall be fastened to the back wall of the aforementioned compartment.

Does your bid meet exactly as specified YES ☒ NO ☐

**DIVIDER MATERIAL:** The aforementioned divider(s) shall be made of 0.125 thick 5052-H32 aluminum sheet.

Does your bid meet exactly as specified YES ☒ NO ☐

**RETAINER STRAP:** One two inch wide webbed restraint strap shall be supplied in the compartment. The strap shall employ a metal buckle system with a push button release. The strap is to be fastened to the compartment walls with a two inch footman's loop. The fastener is not to be fastened through the webbing material. Strap to hold stair chair in place.

Does your bid meet exactly as specified YES ☒ NO ☐

**FOOTMAN LOOP:** There shall be a 2" footman loops located back from the jamb opening on the compartment.

Does your bid meet exactly as specified YES ☒ NO ☐

**STOWAGE LABEL:** A label shall be applied near the seatbelt material strap restraint with seatbelt buckle with footman metal brackets that are installed into the substrate indicating it's ability to restrain 20 pounds. These straps were tested to SAE J3058 standards to 20 pounds and found passing. The

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operator should not exceed the 20 pound weight rating. This item is compliant to section 3.11.3 of KKK-A-128F dated July 1, 2017.

Does your bid meet exactly as specified YES ☒ NO ☐

RETAINER STRAP: One two inch wide webbed restraint strap shall be supplied in the compartment. The strap shall employ a metal buckle system with a push button release. The strap is to be fastened to the compartment walls with a two inch footman's loop. The fastener is not to be fastened through the webbing material.

Does your bid meet exactly as specified YES ☒ NO ☐

STOWAGE LABEL: A label shall be applied near the seatbelt material strap restraint with seatbelt buckle with footman metal brackets that are installed into the substrate indicating it's ability to restrain 20 pounds. These straps were tested to SAE J3058 standards to 20 pounds and found passing. The operator should not exceed the 20 pound weight rating. This item is compliant to section 3.11.3 of KKK-A-128F dated July 1, 2017.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT LIGHT: One (1) Kinequip Brand 12V 8" LED strip light, Model #10881 shall be mounted in the compartment, per customer specified location.

Does your bid meet exactly as specified YES ☒ NO ☐

RIGHT REAR FORWARD COMPARTMENT (M-6): This compartment shall be located just forward of the right rear compartment aft of the rear wheel opening. The minimum compartment dimensions shall be 17 1/4" High x 13 13/16" Wide x 19 3/16" Deep.

Does your bid meet exactly as specified YES ☒ NO ☐

## COMPARTMENT CONSTRUCTION

MATERIALS: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate. All compartment floors shall be formed of .125 aluminum sheet. Compartments for generators, oxygen, and backboards will have .250 compartment floors. All compartment ceilings shall be formed of .090 aluminum sheet. The ceilings and floors shall form around the sides and back to provide an overlapping joint. The floor and ceiling surfaces shall be double action (DA) sanded to 180 grit. The floors and ceilings are bonded to the walls and back and intermittent welded on six (6) inch centers.

Does your bid meet exactly as specified YES ☒ NO ☐

DRAIN HOLES: Drain holes shall be provided on the bottom of the compartments. Each hole shall be baffled to prevent splash water from entering the compartment.



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Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT DOOR PANEL: The inside door panel of this compartment shall be diamond plate.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT FINISH: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT FLOOR CONFIGURATION: This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform.

Bidder Complies YES ☒ NO ☐

COMPARTMENT FLOOR THICKNESS: The compartment floor shall be .125 inch thick aluminum of single layer.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT DOOR: A single, forward hinged, compartment door shall be set for this compartment. The door shall have a single handle and one rotary latch.

Does your bid meet exactly as specified YES ☒ NO ☐

DOOR CHECK: The compartment door(s) in excess of 13" pass through width shall be equipped with a door check (hold open) device. All vertically hinged doors in excess of 13" pass through width shall have a gas operated bi-directional spring shock door check. Door check brackets shall be drilled and tapped through a minimum of 3/8" material to preclude coming loose.

Does your bid meet exactly as specified YES ☒ NO ☐

DOOR SWING: The compartment door checks shall be installed to allow the door to open ninety to 100 degrees (90 up to 100) from the fully closed position.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT LIGHT: One (1) Kinequip Brand 12V 8" LED strip light, Model #10881 in lieu of standard light, shall be mounted in the compartment, per customer specified location.

Does your bid meet exactly as specified YES ☒ NO ☐

# LAFOURCHE AMBULANCE DISTRICT NO 1

RIGHT FRONT COMPARTMENT (M-7): This compartment shall be located in the right front corner of the module body. The minimum compartment dimensions shall be 49 5/8" High by 25 1/4" Wide. The compartment door shall provide direct outside access into the right front advanced life support equipment storage area.

Does your bid meet exactly as specified YES ☒ NO ☐

COMPARTMENT DOOR: A single, forward hinged, compartment door shall be set for this compartment. The door shall have a single handle and one rotary latch.

Does your bid meet exactly as specified YES ☒ NO ☐

DOOR CHECK: The compartment door(s) in excess of 13" pass through width shall be equipped with a door check (hold open) device. All vertically hinged doors in excess of 13" pass through width shall have a gas operated bi-directional spring shock door check. Door check brackets shall be drilled and tapped through a minimum of 3/8" material to preclude coming loose.

Does your bid meet exactly as specified YES ☒ NO ☐

DOOR SWING: The compartment door checks shall be installed to allow the door to open ninety to 100 degrees (90 up to 100) from the fully closed position.

Does your bid meet exactly as specified YES ☒ NO ☐

RIGHT FRONT BATTERY COMPARTMENT(M-8): This compartment shall be located in the lower right front corner of the module body. The minimum jamb pass through dimensions shall be 12 1/8" High x 25 1/4" Wide x 21" Deep. The 2-battery tray shall accommodate two group 31 series batteries and be mounted on full extension slides with a 250 pound per pair rating.

Does your bid meet exactly as specified YES ☒ NO ☐

## COMPARTMENT CONSTRUCTION

MATERIALS: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate. All compartment floors shall be formed of .125 aluminum sheet. Compartments for generators, oxygen, and backboards will have .250 compartment floors. All compartment ceilings shall be formed of .090 aluminum sheet. The ceilings and floors shall form around the sides and back to provide an overlapping joint. The floor and ceiling surfaces shall be double action (DA) sanded to 180 grit. The floors and ceilings are bonded to the walls and back and intermittent welded on six (6) inch centers.

Does your bid meet exactly as specified YES ☒ NO ☐



# LAFOURCHE AMBULANCE DISTRICT NO 1

**DRAIN HOLES:** Drain holes shall be provided on the bottom of the compartments. Each hole shall be baffled to prevent splash water from entering the compartment.

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT DOOR PANEL:** The inside door panel of this compartment shall be smooth aluminum.

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT FINISH:** Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate.

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT DRAWER FRONT (M-8):** A single non-hinged compartment door shall be bolted to the rollout tray. The door construction shall utilize the same construction techniques and materials that are used for the other hinged doors found on the unit body compartments. This front shall have two striker pins, one on each end of the door. The tray front shall support the door squarely with the jamb. The door shall roll out with the tray as a drawer front configuration. The drawer shall allow for battery storage.

Does your bid meet exactly as specified YES ☒ NO ☐

**REAR ACCESS DOORS:** The rear of the module shall be equipped with double, hinged patient compartment access doors. The doors shall be centered on the body and align with the patient compartment aisle space. The doors shall measure 46 3/4 inches wide by 60 5/8" high, jamb to jamb.

**REAR ACCESS DOOR JAMB:** At the rear access doors, a full width, formed, stainless steel jamb protection plate shall be provided to prevent the cot frames from chipping the paint. The stainless steel protection package shall start from under the kick plate and follow the contour of the jamb extrusion, cover the end of the sub-floor and cover the last four inches of the vinyl floor covering.

Does your bid meet exactly as specified YES ☒ NO ☐

**LOAD HEIGHT:** Load height is defined as the vertical measurement from the level ground to the finished floor plane. The load height specified herein shall not exceed the current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

**FUEL FILLER AND HOUSING:** The filler neck supplied by the OEM shall be used. The filler neck shall be vented and be diameter indexed to accommodate a FUEL pump nozzle. The fuel filler neck shall be bolted to enclosed cast aluminum fill housing. The filler housing shall have a self-closing door fitted with blind mount hinges and be lockable with a key. The housing bezel shall be bright and

# LAFOURCHE AMBULANCE DISTRICT NO 1

polished. The filler door shall have a brushed, horizontal directional finish. The housing configuration and filler installation shall comply with the OEM's Body Builders Layout Book. The fuel filler neck shall be grounded directly to the frame rail to prevent static electric charges from igniting the fuel vapors during refueling. The door shall be key lockable.

The fuel filler cap shall be supplied by the OEM. The cap shall be attached to the filler housing with a lanyard. The filler cap shall incorporate an over-tighten protection device that ratchets free, when the preset cap torque is reached.

Does your bid meet exactly as specified YES ☒ NO ☐

## BODY PROTECTION AND BRIGHT WORK

**BUMPER FRAMING:** The rear step bumper shall exceed the current revision of KKK-A-1822. The bumper shall be framed in with 1/4 x 2 x 4 aluminum 6063-T6 rectangular tubing. The bumper shall be bolted directly to the chassis frame. In addition the top of the bumper shall be mounted below the body skirt-line, so that minor collisions do not damage the body. The bumper will collapse under the body. For the stated reasons, there shall be no exceptions to this feature.

### NO EXCEPTIONS

Does your bid meet exactly as specified YES ☒ NO ☐

**OUTER PONTOONS:** The step bumper shall have a aesthetically pleasing appearance. The outer bumper ends (pontoons) shall be covered in .100 polished aluminum diamond plate. The outer corners shall be angled 50 degrees eliminate sharp corners around the working area. Each pontoon cover shall be through bolted to the bumper frame with stainless steel, pan-head, Phillips head, 1/4-20 bolts and Nylock nuts.

Does your bid meet exactly as specified YES ☒ NO ☐

**DEPTH OF BUMPER:** The rear bumper shall protrude from the rear surface of the module body to the rearward most metal surface by at least nine and one half inches (9-1/2") and not more than ten inches (10"). Protrusion dimensions does not include thickness dimensions of optional protection devices.

Does your bid meet exactly as specified YES ☒ NO ☐

**CENTER STEP:** A flip up step shall be provided to allow closer access to the patient cabin floor. The step shall be as wide as the rear access door jamb. The step shall have aggressive traction. The step shall have a red/white reflexite reflective strip across the flip up step. A stainless steel piano hinge shall have a staked in, 1/4" diameter pin, one inch knuckles and one Type-F 1/4" through bolt every four inches.

Does your bid meet exactly as specified YES ☒ NO ☐



# LAFORCHE AMBULANCE DISTRICT NO 1

**DOCKING BUMPERS:** The rear bumper shall be equipped with natural, black rubber dock bumpers. The bumpers shall measure 2 ¼ inches high by 16 inches long by 2 inches thick. The bumpers shall be through bolted to each pontoon with three (3) 3/8 diameter, grade 8 bolts. The bolts shall be counter bored into each dock bumper. Each mounting hole shall be reinforced with a counter bore diameter, thick flat washer. Each bolt shall be threaded into a spiral lock flanged nut or approved equal.

Does your bid meet exactly as specified YES ☒ NO ☐

**FENDER:** The rear fenders shall be made of extruded rubber. The rubber fender mounting lip shall be reinforced with a radius matched 0.125 aluminum strip to promote even compression pressure between the fasteners. The mounting fasteners shall be 100% nylon bolt with 100% nylon nuts shall hold the fender to the body. The fastener centers shall not exceed ten inches (10).

Does your bid meet exactly as specified YES ☒ NO ☐

**SKIRT RAILS:** The entire skirt-line of the body, forward and aft on the rear wheels shall have formed .188" diamond plate skirt rails to protect the body. Each skirt rail shall meet current Federal Specification KKK-A-1822. Each rail shall be chamfered 45 degrees at both ends. There shall also be a series of twelve (12) rectangular holes, six (6) each side. Six (6) of the holes shall face outward and six (6) shall angle downward. The side facing shall be for warning lights and the downward shall be for ground lighting. The rails shall be fastened through the bottom of the rail into the bottom of the modular body. The rails shall not cut into the paint. They shall be mounted through nylon isolators in such a manner that they are spaced off the body.

Does your bid meet exactly as specified YES ☒ NO ☐

## FRONT PAIR SKIRT RAIL LIGHTS

**MODULE SKIRT LIGHTING** There shall be installed LED lighting into the module skirt rail to provide additional perimeter warning on the lower section of the module sides. Lighting shall flash and be controlled through the conversion electrical system. Lighting colors shall be RED/WHITE with location determined at a pre-build meeting.

Does your bid meet exactly as specified YES ☒ NO ☐

## MIDDLE PAIR SKIRT RAIL LIGHTS

**MODULE SKIRT LIGHTING:** There shall be installed LED lighting into the module skirt rail to provide additional perimeter warning on the lower section of the module sides. Lighting shall flash and be controlled through the conversion electrical system. Lighting colors shall be RED/WHITE with location determined at a pre-build meeting.

# LAFOURCHE AMBULANCE DISTRICT NO 1

Does your bid meet exactly as specified YES ☒ NO ☐

## REAR PAIR SKIRT RAIL LIGHTS

MODULE SKIRT LIGHTING: There shall be installed LED lighting into the module skirt rail to provide additional perimeter warning on the lower section of the module sides. Lighting shall flash and be controlled through the conversion electrical system. Lighting colors shall be RED/WHITE with location determined at a pre-build meeting.

Does your bid meet exactly as specified YES ☒ NO ☐

SKIRT RAIL LIGHT SWITCHING: The above mentioned skirt rail LED lights shall be wired to activate by separate switch in cab console.

Does your bid meet exactly as specified YES ☒ NO ☐

MODULE SKIRT LIGHTING: There shall be installed Six (8" long) Kinequip LED lighting into the module skirt rail to provide additional perimeter warning on the lower section of the module sides. Lighting shall be controlled through the conversion electrical system. Lighting colors shall be White with location determined at a pre-build meeting.

Does your bid meet exactly as specified YES ☒ NO ☐

LED GROUND SWITCHING: The above mentioned LED Ground lights shall be wired to activate by separate switch in cab console and with any entry or compartment door

Does your bid meet exactly as specified YES ☒ NO ☐

BODY CORNER POST PROTECTION: The lower seventeen inches (17") of the corner post extrusions shall be protected against stones and road debris. The corner post guards shall be formed of .080" thick polished aluminum diamond plate, contour fit to the corner post extrusions and riveted into place. A bead of silver colored, silicone sealant shall be applied across the top edge of the guards. The bottom of edge of the guard shall be left unsealed to promote moisture drainage.

Does your bid meet exactly as specified YES ☒ NO ☐

FRONT OF BODY: The front of the body shall have skirt-line protection plates made of .080 aluminum diamond plate. The corner posts shall have form fit diamond plate protection height matched to the front body stone guards. The height of the protection is seventeen inches up from the body skirt line.

Does your bid meet exactly as specified YES ☒ NO ☐



# LAFORCHE AMBULANCE DISTRICT NO 1

**REAR KICK PLATE:** The rear kick plate shall be made of 0.100 inch thick polished aluminum diamond plate and run from corner post to corner post. The height shall be from the skirt-line of the body to the bottom door jamb under the rear access doors.

Does your bid meet exactly as specified YES ☒ NO ☐

**RECESSED TAG AREA:** The kick plate shall feature a centered and illuminated recessed area to mount a standard U.S. six inch high by twelve inch wide license plate. The recessed area must be located as specified below and aesthetically TIG Welded around the perimeter of the opening. Threaded inserts and bolts to install the tag shall be installed and provided.

Does your bid meet exactly as specified YES ☒ NO ☐

**RECESSED TAG AREA LOCATION:** The tag area shall be centered in the kick plate.

Does your bid meet exactly as specified YES ☒ NO ☐

**TAG LIGHT:** The tag area shall be LED illuminated with the park light circuit.

Does your bid meet exactly as specified YES ☒ NO ☐

**REAR ACCESS DOOR CHECKS:** Rear access doors shall open at least 150 degrees. The door checks shall be 2 piece, heavy duty, cast aluminum, grabber type with gaskets. The door shall have a 1/2 round stock loop that plunges into a positive rubber/cast socket.

Does your bid meet exactly as specified YES ☒ NO ☐

**RUNNING BOARDS:** Running boards (An auxiliary step) shall be constructed of .100 diamond plate and be provided on each side of the cab. The running boards shall not deflect when stepped on. Built in diamond plate mud flaps shall keep front tire induced road grime off the step.

Does your bid meet exactly as specified YES ☒ NO ☐

**REAR MUD FLAPS:** Mud flaps behind both sets of rear tires shall be supplied and installed. The mud flaps shall be 1/4" thick natural rubber material. Each mud flap shall be sandwiched between the wheel well liner and a torque distribution plate. The torque distribution plate shall be at least .100 thick aluminum plate. Each mud flap shall be through bolted to the wheel well liner with at least three (3) one-quarter inch (1/4") diameter stainless steel bolts.

Does your bid meet exactly as specified YES ☒ NO ☐

# LAFORCHE AMBULANCE DISTRICT NO 1

**COURTESY STEP LIGHTS:** There shall be a pair of courtesy step lights consisting of a Whelen style T0CACCRR 2" light, mounted to the front of the modular body on the lower body diamond plate stone guards. The lights shall be illuminated with the door ajar circuit for the cab doors.

Does your bid meet exactly as specified YES ☒ NO ☐

**CORROSION:** The anti-electrolysis procedure for any holes that are drilled for application of materials is to be as follows, After the hole is drilled, the opening(s) are to be treated with Tactile 517 prior to installation of any fasteners to guard against any future corrosion.

Does your bid meet exactly as specified YES ☒ NO ☐

**EXTERIOR FASTENERS:** All screw sites require a replaceable nylon insert for the fastener to thread into to isolate the dissimilar metals. Each hole shall be treated with an Electrolysis Corrosion Control compound (Tactile 517) prior to installation of the nylon inserts. All exterior screws shall be stainless steel.

Does your bid meet exactly as specified YES ☒ NO ☐

**BODY CORNER CAPS:** The front and rear upper body corners shall include a cavity built into the aluminum body that shall not sacrifice the body integrity.

Does your bid meet exactly as specified YES ☒ NO ☐

**FRONT CORNER ICC LIGHTS:** The front body corner caps shall include DOT approved compliant light fixtures with clear lenses. The lenses shall house ICC fixtures that include amber LED's to be mounted to the front and front corners. There shall also be additional LED lights that alternate red and clear within the light to act as additional warning lights.

Does your bid meet exactly as specified YES ☒ NO ☐

**FRONT ICC LIGHTS:** Clearance lights shall be provided per FMVSS 108. The lights shall illuminate the height of the vehicle, define the vehicle center line. Three (amber) lights shall be provided on the front of the module and be populated with at least two LED's.

Does your bid meet exactly as specified YES ☒ NO ☐

**REAR CORNER ICC LIGHTS:** The rear body corner caps shall include DOT approved compliant light fixtures with clear lenses. The lenses shall house ICC fixtures that include red LED's to the rear and rear corners. There shall also be additional LED lights that alternate red and amber within the light to act as additional warning lights.

Does your bid meet exactly as specified YES ☒ NO ☐



# LAFORCHE AMBULANCE DISTRICT NO 1

REAR ICC LIGHTS: Clearance lights shall be provided per FMVSS 108. The lights shall illuminate the height of the vehicle, and define the vehicle centerline. Three red lights shall be provided on the rear of the module and be populated with at least two LED's.

Does your bid meet exactly as specified YES ☒ NO ☐

CORNER CAP WARNING LIGHT SWITCHING: The above mentioned corner cap LED lights shall be wired to activate in Primary Only.

Does your bid meet exactly as specified YES ☒ NO ☐

POB LIGHTS: There shall be a pair of small amber LED lights installed on the ambulance. Final location shall be determined by this department and noted on the final build order at confirmation.

Does your bid meet exactly as specified YES ☒ NO ☐

SIDE MARKER LIGHTS: Side marker lights shall be Kinequip Model 112401RD (Red) and shall flash alternately with the rear turn lights. All lights shall be LED.

Does your bid meet exactly as specified YES ☒ NO ☐

BRIGHT CHROME-LIKE FLANGES: The 900 series tail light group shall be embellished by bright trim flanges.

Does your bid meet exactly as specified YES ☒ NO ☐

STOP/TAIL LIGHT: The stop/tail light fixtures on the rear of the body shall be Whelen Brand series 900 Fully Populated Light Emitting Diode. The lights shall operate as both tail and stop modes and shall be red when illuminated.

Does your bid meet exactly as specified YES ☒ NO ☐

TURN SIGNAL LIGHT: The turn signal light fixtures on the rear of the body shall be Whelen Brand series 900, Light Emitting Diode to operate as left and right turn signal lights and shall be amber arrow when illuminated.

Does your bid meet exactly as specified YES ☒ NO ☐

BACK UP SIGNAL LIGHT: The backup signal light fixtures on the rear of the body shall be Whelen Brand series 900, halogen light to operate as left and right back up signal lights and shall be clear when illuminated.

Does your bid meet exactly as specified YES ☒ NO ☐

# LAFOURCHE AMBULANCE DISTRICT NO 1

THIRD BRAKE LIGHT: A third brake light shall be located centered above the rear access doors. The light/lens shall measure at least 15 square inches. The light is to be a Kinequip, model KFL-3BLO1 fixture.

Does your bid meet exactly as specified YES ☒ NO ☐

THIRD BRAKE LIGHT: When the brake is applied the light will steady burn.

Does your bid meet exactly as specified YES ☒ NO ☐

EXTERIOR FLOOD and LOAD LIGHTING:

LEFT SCENE LIGHTS: Two scene lights shall be provided on the left side of the module. The lights shall be Whelen LED-24, 900 series. The scene light group shall meet or exceed the present revision of the Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

SCENE LIGHT SWITCHING: The scene lights shall come on with two separate rocker switches labeled Right Flood and Left Flood, located in the center cab console controlled by the master switch. The right (curb side) scene lights shall also come on when the side entry door is opened.

Does your bid meet exactly as specified YES ☒ NO ☐

RIGHT SCENE LIGHTS: Two scene lights shall be provided on the right side of the module. The lights shall be Whelen LED-24, 900 series. The scene light group shall meet or exceed current revision of the Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

REAR LOAD LIGHTS: Two rear load lights shall be provided on the rear of the module, above the rear access doors. The lights shall be Whelen LED-24, 900 series. The scene light group shall meet or exceed current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

REAR LOAD LIGHT SWITCHING: The rear load lights shall come on with a separate rocker switch located in the cab console controlled by a master switch. The switch shall be labeled "Rear Flood" and shall control both rear load lights on the rear of the body and above the rear access doors. The rear load lights will come on when rear doors are opened and or vehicle is placed into reverse gear.

Does your bid meet exactly as specified YES ☒ NO ☐



# LAFORCHE AMBULANCE DISTRICT NO 1

**DOCKING LIGHTS:** There shall be a pair, (1) mounted left and (1) mounted right over rear wheel well areas. These lights shall be surface mounted and rear projecting and shall use LED technology. The light shall be trimmed out with a stainless steel bezel. The lights shall be activated when the vehicle transmission is put in reverse.

Does your bid meet exactly as specified YES ☒ NO ☐

**INTAKE AND EXHAUST SYSTEM:** There shall be two twelve volt DC powered fans for air circulation in the patient area. One four inch in diameter marine style fan with internal impeller shall be installed in the forward section of the patient area. A dedicated interior vent shall be provided for the powered intake ventilation. One four-inch in diameter marine style fan with internal impeller shall be installed in the rearward section of the patient area as dictated by the cabinet design. The exhaust fan shall also have a dedicated movable vent over the intake. Both fans shall be connected to the same switching source at the patient area and labeled as "EXHAUST FAN" or similar. The patient exhaust shall have one speed.05ha

Does your bid meet exactly as specified YES ☒ NO ☐

**AIR CONDITIONER, SECONDARY SYSTEM:** An auxiliary air conditioner (A/C) shall be supplied and installed in the left rear patient area of the modular body. The A/C unit shall be a self-contained unit. The unit shall be mounted per the A/C unit manufacturer's specifications. The A/C unit shall run on one hundred fifteen volts, alternating current at a frequency of sixty Hertz. The unit shall be rated at 15,000 BTU/HR A/C and 8,500 BTU/HR of Heat. Fan amps Combined Condenser and Evaporator shall be 5.92 Amps. Compressor FLA Cooling shall be 25.7 Amps. Compressor LRA shall be 69.8 Amps.

**REFRIGERANT:** The system shall operate on 38 Oz of R-410A Refrigerant with POE Compressor Oil.

**THERMOSTAT:** A remote mounted thermostat shall be installed at a user friendly location in the patient area.

**UNIT WEIGHT:** The overall unit weight shall not exceed one hundred and forty pounds.

**UNIT MEASUREMENTS:** Length 30.12 in, Width 20.13 in, Height 20.37 in not including module control box and thermostat.

**POWERED BY:** MEPS under hood generator and shoreline power

Does your bid meet exactly as specified YES ☒ NO ☐

**REAR AIR CONDITIONING EVAPORATOR:** The cabinet shall have an additional, self-contained A/C unit complete with an evaporator coil, heater core and a 12 volt blower capable of 580 CFM on high. The unit shall be rated at least 32,000 British Thermal Units (BTU) in A/C Mode and 35,000 BTU in

# LAFOURCHE AMBULANCE DISTRICT NO 1

Heater Mode. The Vehicle A/C and Heat system must meet or exceed the current Federal KKK-A-1822 specification.

Does your bid meet exactly as specified YES ☒ NO ☐

HEATER HOSES: Heater hoses for the cab shall remain OEM. 5/8 inside diameter, EPDM rubber hoses shall route from the OEM tie in point to the rear heater core.

Does your bid meet exactly as specified YES ☒ NO ☐

EVAPORATOR LOCATION: The evaporator will be located on the floor, in the cabinet behind the Attendant Seat.

Does your bid meet exactly as specified YES ☒ NO ☐

CONDENSATION DRAIN PAN: A condensation pan shall be provided to collect water condensation from the evaporator coil. The drain pan shall be formed from 1/8 ABS plastic sheet and shall be listed (tilted) toward the drain fitting. The Evaporator unit shall be mounted so that the weight of the coil, case and blower assembly does not rest on the pan. Additionally the entire evaporator shall list toward the condensation drain fitting to enhance water flow to the drain hose. The drain hose shall be 1/2 I. D., collapse resistant and fiber reinforced poly-tubing. The hose shall be routed from the condensation pan to the street.

Does your bid meet exactly as specified YES ☒ NO ☐

A/C CONDENSER: Air Conditioning is hereinafter referred to as A/C. The module A/C system shall employ the OEM Condenser and the additional condenser previously mentioned.

Does your bid meet exactly as specified YES ☒ NO ☐

AIR CONDITIONING HOSES: All A/C Hoses shall meet Society of Automotive Engineers (SAE) J-2064. The discharge (High side) hoses shall not be less than 5/16 inside diameter (Size 6). The suction (Low side) hoses shall not be less than 1/2 inside diameter (Size 10). All fittings shall be leak proof. All hose to fitting clamps shall be machine crimped, plated steel ferrule type.

Does your bid meet exactly as specified YES ☒ NO ☐

HEATER HOSES: Heater hoses for the cab shall remain OEM. 5/8 inside diameter, EPDM Nomex rubber hoses shall route from the OEM tie in point to the rear heater core.

Does your bid meet exactly as specified YES ☒ NO ☐

DRAIN LINE AIR RESTRICTOR: There shall be an air Restrictor installed on the drain tube for floor mounted vertical HVAC systems.

Does your bid meet exactly as specified YES ☒ NO ☐



# LAFOURCHE AMBULANCE DISTRICT NO 1

**RETURN AIR GRILLE:** Installed around the Heat/AC unit shall be a perforated 13 gauge steel grille. The grille shall allow 156 inches of return air flow to the Heat/AC unit. The grille shall provide complete access to the Heat/AC unit. The grille shall have a black powder coat finish. There shall be two quarter turn locks supplied and installed on the grille. The locks shall have a black powder coated finish. Lock pawl activation shall be enabled with a round bitted key.

Does your bid meet exactly as specified YES ☒ NO ☐

**CARBON FILTER:** The return air grille shall be supplied with a pre carbon filter that is designed to fit the slot within the grille. It shall be installed and shall not rattle. The filter shall be replaceable and/or cleanable by this department's fleet maintenance in the field.

Does your bid meet exactly as specified YES ☒ NO ☐

**ADDITIONAL HEPA FILTER:** An additional HEPA filter that is designed to fit the slot within the grille shall be installed with the ambulance at delivery. It shall be installed and shall not rattle. The filter shall be replaceable and/or cleanable by this department's fleet maintenance in the field.

Does your bid meet exactly as specified YES ☒ NO ☐

**CEILING DUCTED INSULATED AIR CONDITIONING DELIVERY:** One duct shall route over the primary patient and attendant, and one shall run over the lap area of squad bench. Each duct shall contain four spherically adjustable registers, evenly spaced, total of 8. There shall also be two registers located directly behind the attendant's seat.

## **NO EXCEPTIONS**

Does your bid meet exactly as specified YES ☒ NO ☐

**REAR AC CONTROL / THERMOSTAT:** The air conditioning and heat for the patient cabin shall be controlled by a thermostatically sensitive panel located in the action area console. The panel shall feature a three speed fan control switch, a system "heat-off-cool" switch and a variable temperature control. LED lights shall indicate "cool" and "heat" modes. A digital display shall indicate the patient cabin temperature.

Does your bid meet exactly as specified YES ☒ NO ☐

**LINER PANELS:** The patient cabin head liner substrate material shall be one quarter inch thick, composite metal with powder coated finish laminated to center plastic material. An upholstered center panels shall provide access to ceiling wiring and be covered in the same upholstery type as the seat and back rest pads found on the squad bench and/or CPR seat.

Does your bid meet exactly as specified YES ☒ NO ☐

# LAFOURCHE AMBULANCE DISTRICT NO 1

**PATIENT CABIN DOME LIGHTS:** The patient cabin shall have eight dual intensity, Kinequip LED dome lights in the ceiling. The domes centers shall be aligned along two, four light banks. The left bank shall provide light directly over the patient; the right bank shall provide light directly over the aisle/squad bench. The dome lights and configuration shall meet current Federal Specifications KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

**CHECKOUT LIGHTING PACKAGE:** There shall be a total of eight Kinequip Brand 12v "LED" lights with a chrome flange ceiling mounted in the center upholstery pad and shall be activated as specified.

Does your bid meet exactly as specified YES ☒ NO ☐

**LIGHT LOCATION:** The aforementioned lights shall be located in the center panel of the patient cabin ceiling.

Does your bid meet exactly as specified YES ☒ NO ☐

**15 MINUTE TIMER:** A variable 0 to 15 minute, spring wound, mechanical timer switch shall provide temporary illumination of the patient cabin for check out purposes. The switch input shall be wired directly to the vehicle batteries. The switch shall be located on the curbside wall, by the C/S access doors over the squad bench lid. The timer circuit shall comply with the latest revision of KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

**LIGHTS POWERED BY TIMER:** The aforementioned timer shall power all of the center lights, mounted in the ceiling panels. The duration of the light shall vary with the setting of the timer.

Does your bid meet exactly as specified YES ☒ NO ☐

**I. V. BAG HANGING HARDWARE, No 1:** One self-contained recessed I. V. Hook assembly shall be installed in the ceiling. The I. V. Hook assembly shall fold and stow recessed in a cast aluminum housing. The hooks are to be spiral shaped to preclude I. V. Bag from falling off with push button release for each fluid bag. The I. V. Hook assembly shall hold (2) two bags of fluid. A rubber with Velcro anti-sway device shall be included for IV retention, without depending on adjacent cabinetry.

Does your bid meet exactly as specified YES ☒ NO ☐

**LOCATION:** In close proximity to the Head/Chest area of the primary patient.

Does your bid meet exactly as specified YES ☒ NO ☐



# LAFOURCHE AMBULANCE DISTRICT NO 1

IV HOOK No 2: One chrome plated, surface mounted IV hook, with a spring loaded retention gate, shall be supplied in the ceiling of the patient cabin. The hook shall feature an anti-swing strap next to the hook.

Does your bid meet exactly as specified YES ☒ NO ☐

LOCATION: Located of the Secondary patient, In the close proximity to the Knee/Waist area of the primary patient.

Does your bid meet exactly as specified YES ☒ NO ☐

IV HOOK No 4: One chrome plated, surface mounted IV hook, with a spring loaded retention gate, shall be supplied in the ceiling of the patient cabin. The hook shall feature an anti-swing strap next to the hook.

Does your bid meet exactly as specified YES ☒ NO ☐

LOCATION: In the close proximity to the Knee/Waist area of the secondary patient.

Does your bid meet exactly as specified YES ☒ NO ☐

IV HOOK No 4: One chrome plated, surface mounted IV hook, with a spring loaded retention gate, shall be supplied in the ceiling of the patient cabin. The hook shall feature an anti-swing strap next to the hook.

Does your bid meet exactly as specified YES ☒ NO ☐

LOCATION: Located of the Secondary patient, in the close proximity to the Knee/Waist area of the patient.

Does your bid meet exactly as specified YES ☒ NO ☐

RECESSED CURB SIDE OVER HEAD ASSIST RAIL: The rail shall exceed the current revision of current Federal specification KKK-A-1822. The rail shall be 1 ¼ diameter, 100% stainless steel with gray anti-microbial coating and 72 inches long. All rail fittings shall be TIG welded to the main rail. The rail shall be recessed in an ABS pan 1.5", located curbside of center pad.

Does your bid meet exactly as specified YES ☒ NO ☐

MODULE INSULATION: The module insulation, except the under the floor shall consist of material having the following characteristics, 8mm thick nonabsorbent, reflective and shall have an air cell core. The air cell core shall consist of one layer of polyethylene bubble film that is sandwiched between one (1) layer of 99 percent pure aluminum foil and white colored polyethylene film. The insulation shall be installed with at least ½ air space from exterior skins, exposed to direct sun light. The insulation thermal rate testing shall be conducted in accordance with A.S.T.M. E84-89A, ANSI 2.5, NFPA 255, UBC 42-1, and U. L. 723. The walls shall not be less than R-15.0 down, R-7.31

# LAFOURCHE AMBULANCE DISTRICT NO 1

Horizontally and R5.4 up. The insulation shall have a NFPA Class A and a UBC Class 1 fire rating with a flame spread index of 20 and a smoke developed index of 30. The application shall include a single layer of the insulation on all four walls, doors, compartments, ceiling and floor.

Does your bid meet exactly as specified YES ☒ NO ☐

**SOUND BLOCK:** There is to be Sound Block, sound deadening installed prior to the ½" subfloor. It shall be adhered directly to the vapor barrier and shall also include the interior of the body over the wheel well housings for a complete floor sound block. The material shall be less than ¼" thick so as not to impede on the interior headroom. This sound deadening material has an additional insulation value of R-3 measured vertically. This DBMAX material in combination with other mounted substrates can produce a decibel reduction on average of 47 decibels for frequencies 250 – 5000 HZ.

Does your bid meet exactly as specified YES ☒ NO ☐

**ADDITIONAL INSULATION:** In addition to the standard reflectix circumferential insulation, there shall be fiberglass bat insulation added to the walls and ceiling between the aluminum structural beams. It shall be cut into square or rectangular pieces to fit into the above locations.

Does your bid meet exactly as specified YES ☒ NO ☐

**ADDITIONAL FRONT WARNING LIGHTS:** There shall be installed four additional warning lights in the front upper zone.

Does your bid meet exactly as specified YES ☒ NO ☐

**LED FLASHER:** There shall be a Titan flasher manufactured by TSD for the sole purpose of flashing the additional LED front body lights in these specifications. The flash sequence shall be determined by the end user and put on the final build order sent to production.

Does your bid meet exactly as specified YES ☒ NO ☐

**FLANGES:** The above lights shall have Whelen's optional bright trim bezel (Flange), to embellish the light head.

Does your bid meet exactly as specified YES ☒ NO ☐

**WARNING LIGHT:** There shall be installed a Whelen 900 Series Split Red and White LED lights with Clear lens. The light is non-programmable and relies on a separately installed flasher for operation.

Does your bid meet exactly as specified YES ☒ NO ☐

**FLASH PATTERN:** The Non-programmable split color light shall have each independent color wired to a separate flash circuit by the manufacturer. The flash pattern number shall be confirmed by the



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agency at the pre-construct meeting. The individual sections of the light are not synched to any other light portion.

Does your bid meet exactly as specified YES ☒ NO ☐

ALTERNATIVE LIGHT BAR SWITCHING: The switching of the lighting package that makes up the alternative light bar package shall be through a separate switch in the cab console labeled "Lightbar".

Does your bid meet exactly as specified YES ☒ NO ☐

WARNING LIGHT FLASHER: A Heavy Duty, Duo-mode electronic flasher shall provide momentary power (Flash) the Halogen or LED light heads at a rate of 75 to 80 flashes per minute (+8%). The device shall have three output legs with maximum output current ratings of: Terminal A with sixty amperes, Terminal B with forty amperes and Terminal C with forty amperes. Primary mode is the standard running mode which flashes alternately between light heads powered off Leg A and those lights powered off Legs B and C. In secondary mode (used at the scene), all lights on Leg C will go out. The device shall function with an input voltage ranging from ten to sixteen volts, direct current. (10V – 16V). The flasher shall operate in the most severe environments with an operating ambient air temperature range, around the device of negative forty to positive one hundred twenty two degrees Fahrenheit. (-40 to 122 F) The input circuit shall be protected with overload protection. The flasher shall feature four flash patterns: Alternate Flash, Triple Burst Flash, Quad Burst Flash, and Dual Burst Flash. The flasher shall meet or exceed all GSA Triple K-1822 and AMD specifications.

Does your bid meet exactly as specified YES ☒ NO ☐

FLASH PATTERN: The warning lights shall flash in the sequence described in the present revision of the Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

PRIMARY / SECONDARY SWITCH: The warning light system shall be controlled with a switch(es) located in the cab console. The switch(es) shall allow for "Off" position, "Primary" position, and "Secondary" position. Each output of the switch shall be indicated with a small red lamp, integrated in the switch legend area. The switch shall have an engraved, illuminated legend that clearly defines the function of the switch.

Does your bid meet exactly as specified YES ☒ NO ☐

CHROME FLANGES: There shall be Whelen Chrome flanges on all Emergency lights.

Does your bid meet exactly as specified YES ☒ NO ☐

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GRILLE LIGHTS: A pair of Red TIRLIN-3 LED lights shall be mounted in chrome flanged housings on the grille supports and mounted in such a way as not to block air flow.

WARNING LIGHTS: There shall be installed Whelen TIRLIN3 Red LED lights at the prescribed location to provide indication to others of emergency movement.

Does your bid meet exactly as specified YES ☒ NO ☐

ADDITIONAL GRILLE LIGHTS: There shall be (2) Whelen Tir LIN3 White LED, Clear Lens installed on the chassis grille in such a manner as to not block air flow.

Does your bid meet exactly as specified YES ☒ NO ☐

FRONT INTERSECTION LIGHTS: A set of 700 Series LED warning lights shall be installed on the chassis front fender to warn oncoming intersection traffic. These light heads shall be Super LED with RED light emitting diodes and clear lens. Whelen's optional bright chrome like trim bezel (Flange), Part No 7EFLANGE shall embellish both light heads.

Does your bid meet exactly as specified YES ☒ NO ☐

FLANGES: All lights shall have Whelen's optional bright trim bezel (Flange), to embellish the light heads.

Does your bid meet exactly as specified YES ☒ NO ☐

FRONT CENTER UPPER ZONE WARNING LIGHT: There shall be installed one warning light in the upper front center of the module zone.

WARNING LIGHT: There shall be installed a Whelen 900 Series White LED light with Clear lens. The light is non-programmable and relies on a separately installed flasher for operation.

Does your bid meet exactly as specified YES ☒ NO ☐

FRONT OUTER UPPER ZONE WARNING LIGHTS: The lights shall be two Whelen 900 Series RED LED warning lights with Clear lens located in the upper outermost positions. The lights are non-programmable and rely on a separately installed flasher for operation.

Does your bid meet exactly as specified YES ☒ NO ☐

MODULE UPPER SIDE WARNING LIGHTS: There shall be four Whelen 900 series Red Super LED lights with Clear lens located in the upper outermost positions. There shall be two on each side. The light is non-programmable and relies on a separately installed flasher for operation.

Does your bid meet exactly as specified YES ☒ NO ☐



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**ADDITIONAL WARNING LIGHTS:** There shall be installed a Whelen 700 series Red Super LED light with Clear lens over each rear wheel well opening on the ambulance body.

Does your bid meet exactly as specified YES ☒ NO ☐

**WARNING LIGHTS SWITCHING:** The above mentioned lights shall be wired to activate in Primary and Secondary modes.

Does your bid meet exactly as specified YES ☒ NO ☐

**REAR UPPER WARNING LIGHT ZONE:** There shall be installed a Whelen 900 Series RED LED lights with Clear lens. The light is non-programmable and relies on a separately installed flasher for operation. There shall be one on the rear of the module mounted on each upper outer corner inside of the structural corner post.

Does your bid meet exactly as specified YES ☒ NO ☐

**ADDITIONAL REAR WARNING LIGHTS:** There shall be installed (2) Whelen 900 Series RED/AMBER LED warning lights with clear lens.

Does your bid meet exactly as specified YES ☒ NO ☐

**LOCATION:** On the mid rear of the module, aligned with each upper window on the rear access doors. The light shall flash through the window when the doors are opened.

Does your bid meet exactly as specified YES ☒ NO ☐

**FLASH PATTERN:** The Non-programmable split color light shall have each independent color wired to a separate flash circuit by the manufacturer. The flash pattern number shall be confirmed by the agency at the pre-construct meeting. The individual sections of the light are not synched to any other light portion.

Does your bid meet exactly as specified YES ☒ NO ☐

**BRAKE LIGHT OVERRIDE:** The rear warning lights described above shall steady burn with the brake light switch on the foot pedal.

**TURN SIGNAL OVERRIDE:** Additionally the rear ambers shall be wired to the turn signals also

Does your bid meet exactly as specified YES ☒ NO ☐

**BRAKE OVERRIDE FUNCTION:** The brake light override feature shall function during all modes of lighting operation. The aforementioned lights shall steady burn when the brake pedal switch is activated even when the emergency lighting is turned OFF. When the warning lights are in Primary

# LAFORCHE AMBULANCE DISTRICT NO 1

or Secondary mode, then the rear lights specified above shall steady burn for the duration of the foot pedal depression and resume flashing when the foot brake is released.

**BRAKE OVERRIDE FLASHER:** The brake light override feature requires an In-Power FLAS-VCM08 flasher unit to allow the programmable lights for brake override.

**REAR CENTER UPPER ZONE WARNING LIGHT:** There shall be installed (1) Whelen 600 Super LED Amber LED light with clear lens mounted over rear access doors.

Does your bid meet exactly as specified YES ☒ NO ☐

**OVERHEAD CAB DOME LIGHT:** A pair of 12 Volt Kinequip LED lights shall be installed in the cab headliner, one over driver and one passenger side to illuminate each side of the cab. The switch on each light shall switch the light from Off to Red and Off to Clear.

Does your bid meet exactly as specified YES ☒ NO ☐

**SPOT LIGHT:** A hand held 140,000 candle power, 100 watt halogen spot light shall be provided in the cab. The housing shall be an impact resistant, one piece Unibody UV treated black colored neoprene. The light shall feature a momentary rocker switch to prevent the light from burning while not in the user's hand. This light shall feature a coil type cord that is at least three feet long retracted and fifteen feet extended. The weight of this light shall not exceed three pounds.

Does your bid meet exactly as specified YES ☒ NO ☐

**HANDHELD SPOTLIGHT LOCATION:** The aforementioned spot light shall be hard wired to the center console. The light shall be enabled through the battery switch.

Does your bid meet exactly as specified YES ☒ NO ☐

**THREE BATTERY SYSTEM:** The ambulance conversion and chassis shall run with three maintenance free twelve volt batteries as specified below. The system shall be designed and wired with at least two batteries wired in parallel to maximize starting amperage. At minimum two batteries shall be wired to work together simultaneously per Ford QVM bulletin number sixty three. The third battery may be wired for other purposes. The vehicle starting system requires at least TWO (2) batteries to adequately crank the engine.

Does your bid meet exactly as specified YES ☒ NO ☐

**BATTERY BRAND:** The OEM chassis battery under the hood shall be replaced with an upgraded 750 CCA Motorcraft battery in the OEM mounting position. Two additional increased performance batteries from Interstate model SRM29 deep cycle shall be purchased and installed in an exterior compartment. The additional batteries shall be connected in a high performance and unique manner



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utilizing triple aught SGX cable to the main connections. These additional batteries shall be rated at a minimum of seven hundred seventy five cold cranking amps at thirty two degrees Fahrenheit with deep cycle characteristics. The batteries shall be warranted by the battery manufacturer for at least three years (thirty six months) from the date of delivery to the agency.

Does your bid meet exactly as specified YES ☒ NO ☐

Battery Location: One OEM battery shall remain at the OEM location under the chassis engine hood. The remainder of batteries shall be relocated to the right front slide out compartment.

Does your bid meet exactly as specified YES ☒ NO ☐

BATTERY SWITCH: A conversion disconnect switch shall be supplied. Constant battery power shall be supplied for device memories. None of the chassis functions shall be affected by this switch per Fords Qualified Vehicle Modifiers program, bulletin No 63. An indicator light shall illuminate on the cab console panel.

Does your bid meet exactly as specified YES ☒ NO ☐

POWER MODULE DOOR LOCKS: Each compartment and/or entry doors listed below shall Lock or Unlock with a single depression of a momentary switch. Each door shall be fitted with a bidirectional, momentary electric solenoid designed to operate a mechanical rod in a linear fashion. The rod shall mechanically interface with the door lock mechanism inside the door. All rod connections shall be designed for high cycle operation without mechanical disconnection. The battery compartment shall NOT have the power lock/unlock feature. This compartment shall remain key operated.

Does your bid meet exactly as specified YES ☒ NO ☐

DOOR LOCK SWITCH: The aforementioned door lock(s) shall be wired to activate with the OEM cab door locks and their switches in the cab.

Does your bid meet exactly as specified YES ☒ NO ☐

OEM KEY FOB OPTION: The aforementioned door lock(s), shall be wired to activate with the OEM cab door locks and their switches in the cab as well as the OEM remote key fob activator.

Does your bid meet exactly as specified YES ☒ NO ☐

DOOR LOCK SWITCHES: The module entry doors shall have internal integrated electric door lock activation switches.

Does your bid meet exactly as specified YES ☒ NO ☐

ONLY the following doors shall have power door locks:

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POWER DOOR LOCK (M1): There shall be installed an electric solenoid powered actuator for the compartment door lock.

POWER DOOR LOCK (M2): There shall be installed an electric solenoid powered actuator for the compartment door lock.

POWER DOOR LOCK (M-3): There shall be installed an electric solenoid powered actuator for the compartment door lock.

POWER DOOR LOCK (Rear Module Entry): There shall be installed an electric solenoid powered actuator for the module door lock.

POWER DOOR LOCK (M-5): There shall be installed an electric solenoid powered actuator for the compartment door lock.

POWER DOOR LOCK (M6): There shall be installed an electric solenoid powered actuator for the compartment door lock.

POWER DOOR LOCK (Curbside Entry Door): There shall be installed an electric solenoid powered actuator for the module entry door lock.

POWER DOOR LOCK (M7): There shall be installed an electric solenoid powered actuator for the compartment door lock.

Does your bid meet exactly as specified YES ☒ NO ☐

REMOTE KEYPAD #1: There shall be a remote keypad installed on the ambulance for unlocking the doors that have electric door lock actuators.

Does your bid meet exactly as specified YES ☒ NO ☐

REMOTE KEYPAD LOCATION: The keypad shall be installed on the side of body by the curbside door.

Does your bid meet exactly as specified YES ☒ NO ☐

REMOTE KEYPAD #2: There shall be a remote keypad installed on the ambulance for unlocking the doors that have electric door lock actuators.

Does your bid meet exactly as specified YES ☒ NO ☐

REMOTE KEYPAD LOCATION: The keypad shall be installed on the front of body.

Does your bid meet exactly as specified YES ☒ NO ☐



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REMOTE KEYPAD #3: There shall be a remote keypad installed on the ambulance for unlocking the doors that have electric door lock actuators.

Does your bid meet exactly as specified YES ☒ NO ☐

REMOTE KEYPAD LOCATION: The keypad shall be installed on the rear of body right side.

Does your bid meet exactly as specified YES ☒ NO ☐

HIDDEN DOOR LOCK SWITCH: A weather proof momentary switch shall be installed, concealed from view. Installation of Remote Door Lock Switch feature may increase likelihood of unauthorized entry into vehicle.

Does your bid meet exactly as specified YES ☒ NO ☐

LOCATION: The switch shall be located in the OEM grille area.

Does your bid meet exactly as specified YES ☒ NO ☐

CAMERA MONITOR SYSTEM: There shall be installed a Backeye 360 intelligent four camera system with digital processor and monitor. The images from the cameras shall be captured, processed and video stitched to result in a birds eye 360 degree view within a single image. This system is designed to assist in low speed maneuverability by providing the driver with real time complete surround view of the vehicle in a single image.

DIGITAL VIDEO RECORDER; There shall be installed a solid state drive Brigade model 5129 digital video recorder to capture information as provided by the separately purchased camera systems. This recorder is capable of capturing up to 8 channels of information, provided upon the purchased adapters and cameras separately. The system features WI-FI connectivity to the agency's properly configured system to view the images. The system can record all eight channels simultaneously. The system can provide up to 1862 hours of recording time. The system shall provide pre and post-trigger recording of up to 60 minutes preceding or following an incident. The system has Built in GPS for recording speed and location. The system has built in G-sensor to provide impact dat and accelerating and braking. Footage is protected by a non-visible digital watermark. The WIFI is location based for example fleet or station house only.

INTERIOR CAMERA: There shall be an interior camera (low profile) mounted in the patient area, hidden from plain view. The system shall include all the necessary cables and adapters to connect the system together with power as needed.

Does your bid meet exactly as specified YES ☒ NO ☐

ELECTRICAL SYSTEM 12 Volt General

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**MODULE GROUNDING:** A minimum of (2) two braided ground straps shall be through bolted to the chassis frame and the floor structure of the modular body. The bolts shall be at least 3/8 diameter. A flat washer shall be provided under the head of the bolt, over the strap lug. Additionally an internal tooth lock washer shall preclude loosening. Conventional stranded copper cables are not acceptable because they do not suppress RFI and does not meet SAE J551.

Does your bid meet exactly as specified YES ☒ NO ☐

**GENERAL GROUNDS:** To comply with current Federal specification KKK-A-1822 plus enhance ground quality and reduce trouble shooting time, all devices wired within the ambulance conversion shall be centrally grounded. Each device shall have a separate ground wire routed to a central buss bar then grounded via fine strand cable to the module body. Local grounds are acceptable only when the device is drawing at or less than 100 milliamps (0.1 amps).

Does your bid meet exactly as specified YES ☒ NO ☐

**12 VOLT WIRE:** All wires within the ambulance harnesses shall meet current Federal specification KKK-A-1822. All wire insulation shall be GXL cross-linked polyethylene. Permanent wire identification and wire function shall be printed on 4 centers along the full length of the wire. Wire conductors shall be stranded copper.

Does your bid meet exactly as specified YES ☒ NO ☐

**WIRE PROTECTION:** All wire within the conversion shall be protected and run in split convoluted loom with a melting temperature of 300 degrees, Fahrenheit. All wire harnesses shall be clamped and routed to eliminate possibility of damage due to cut/chaffed wire. Grommets made of rubber or plastic shall be used where harnesses pass through metal or wood. Large holes and irregular shaped wire passages shall use automotive edge trim to protect the wire conduit/loom. Wire harnesses shall be neatly clamped into protective routing areas away from heat sources, unfriendly edges or moving devices.

Does your bid meet exactly as specified YES ☒ NO ☐

**CIRCUIT BOARD:** The single relay control board is a fully integrated relay control board designed and built to IPC Class 3\* guidelines. The VF4 style socket relay is rated at 20A at 24 VDC with built-in on-board diode suppression. Three status indicators for Blown Fuse, Coil Power and Load allow for intuitive operation and troubleshooting. Also included is a medium sized ATO blade style fuse / circuit breaker holder that is rated for 20A. Wiring connections are made via a WAGO Cage Clamp removable lockable connector, which provides a secure, vibration proof and corrosion resistant wire termination. Installation time is reduced by as much as 75%. All of these features are mounted in a 2"x2" DIN Rail mountable package. Clearly, the Single Relay Control Board is a best-in-class solution for Emergency Vehicle relay applications. This relay board described above shall be included for every circuit that requires a relay. This means no relay board that has multiple relays together on one



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board will be allowed. These are individual relay boards, one for each circuit. If your electrical system does not meet these specification exactly as written then the manufacture shall submit a complete electrical system including switch panels for the specification committee to inspect. This system shall not be mounted in a vehicle. This system is to be shipped loose and submitted with bid. The system shall be returned to bidder upon request at bidder's expense. **NO EXCEPTION**

Does your bid meet exactly as specified YES ☒ NO ☐  
Signature required verifying above statement Robert W. Jones

**MASTER SWITCHES:** The patient area master switches shall be located in both the cab switch console and the action area console in the patient area. They shall operate like a 3-way system.

Does your bid meet exactly as specified YES ☒ NO ☐

**CIRCUIT BREAKERS:** All conversion related circuits shall be protected with manual reset blade breakers. The value of the breaker for each circuit shall not exceed 75% of the rated capacity of the weakest component in the circuit.

Does your bid meet exactly as specified YES ☒ NO ☐

**CAB CONSOLE:** The ambulance conversion control console shall be ergonomically designed, ABS plastic and molded to the contours of the engine cover. Accommodations shall include an electronic siren and a contoured switch and gauge panel. At least 60 square inches of additional console area (UNUSED by the manufacturer) shall be located just below the main switch and gauge panel for communications radio heads. The console shall be easily removed from the engine cover to minimize engine repair time.

Does your bid meet exactly as specified YES ☒ NO ☐

**SWITCH PANEL, CAB CONSOLE:** A switch panel made from 3/16 thick translucent acrylic sheet. The acrylic material shall evenly disperse label, indicator illumination. The sheet shall be coated with a black colored, rigid plastic film. A Laser router shall engrave permanent switch legends, switch holes, meter holes, and indicator legends. The switches shall be organized in one row. The row shall start with an Emergency Master switch. The switch panel features an auto-dimming capability as related to a sensor in the volt meter. Each switch features a reinforced hub as part of the integral sealed housing. The Sealed rocker switches are LED illuminated. Each switch meets or exceeds IP66 ratings for contamination.

Does your bid meet exactly as specified YES ☒ NO ☐

**REAR SWITCH PANEL, ACTION AREA:** A switch panel made from 3/16 thick, translucent, acrylic sheet. The acrylic material shall evenly disperse label, indicator illumination. The Sheet shall be coated with a black colored, rigid plastic film. A CNC router shall engrave permanent switch legends, switch holes, meter holes, and indicator legends. The sealed switches shall be organized in one row

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and control all patient compartment functions, dome lights, action area light, exhaust vent, inverter (if equipped), HVAC, suction pump and any added features.

Does your bid meet exactly as specified YES ☒ NO ☐

**VOLT METER:** The charging system voltage condition shall be indicated through a digital type gauge. The volt meter shall be wired through the ignition switch and indicate system voltage ranging from eight to sixteen volts, direct current.

Does your bid meet exactly as specified YES ☒ NO ☐

**CUSTOM LOGO:** Lafourche Ambulance Service's custom logo shall be engraved at the top of the main cab switch panel. The logo shall be to scale and back lighted with the head light switch.

## **NO EXCEPTIONS**

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT AJAR INDICATOR LIGHT:** A back lighted "Compt Open" light shall be engraved in the cab console's main switch panel. This light color shall be AMBER. The light shall meet current Federal Specification KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

**INDICATOR LIGHT FUNCTION:** The door ajar indicator light shall flash when two conditions are met:

- 1) The main conversion power switch is turned to the ON position.
- 2) Any compartment or entry door is opened.

The door ajar light shall come ON with a door that is not COMPLETELY latched.

Does your bid meet exactly as specified YES ☒ NO ☐

**BATTERY POWER "ON" INDICATOR LIGHT:** An indicator light, labeled "Amb Pwr" shall be engraved in the cab console's main switch panel. The light color shall be GREEN. The light shall meet current Federal Specification KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

**INDICATOR LIGHT FUNCTION:** The "Amb Pwr" indicator light shall burn steady when the main conversion power switch is turned to the ON position.

Does your bid meet exactly as specified YES ☒ NO ☐

**DOOR AJAR INDICATOR LIGHT:** A back lighted "Door Ajar" light shall be engraved in the cab console's main switch panel. This light color shall be RED. The light shall meet current Federal Specification KKK-A-1822.



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Does your bid meet exactly as specified YES ☒ NO ☐

**SWITCH PANEL ILLUMINATION:** Illumination of the switch panels shall be provided by LED strips attached to the underside of the switch panels. The strips shall be powered by 12volt DC.

Does your bid meet exactly as specified YES ☒ NO ☐

**CAB CONSOLE FASTENERS:** The control console shall be fastened to the engine cover with black colored, No 2 Phillips, pan head screws.

Does your bid meet exactly as specified YES ☒ NO ☐

**AUXILIARY CAB CONSOLE:** A ergonomically designed extension console shall be contour matched to the Main ambulance conversion console. The console shall be a tapered design with a fourteen and one half inch width at the front of the console and a twelve inch width at the rear of the console. The height shall not exceed the height of the engine cover console measured at the rear. The length of the console, measured at the center, shall be at least twenty-one inches. Lafourche Parish Ambulance Service shall approve drawing at post bid meeting.

Does your bid meet exactly as specified YES ☒ NO ☐

**DRINK HOLDERS:** The aforementioned extension console shall feature two drink holders, large enough to accommodate 44 ounce paper cups. The drink holders shall be recessed into the console with one piece, self-rimming trim rings. The console finish and the drink hole recessed areas shall be water proof, due to cup condensation. The drink holder shall be located at the front of the add on console.

Does your bid meet exactly as specified YES ☒ NO ☐

**NOTE BOOK SLOT:** The aforementioned extension console shall feature a six inch by full width slot specifically designed to hold note books and/or clipboards. The inside finish of the slot shall be of the same material as the outside laminate. The slot shall be located in the rearward most end of the extension console.

Does your bid meet exactly as specified YES ☒ NO ☐

The aforementioned "note book slot" shall feature two removable dividers that are evenly spaced in the slot. Extruded C-channels fastened to the sides shall be employed to secure the dividers into place.

Does your bid meet exactly as specified YES ☒ NO ☐

**RADIO:** Space for Customer installed Radio Heads shall be provided in the front.

Does your bid meet exactly as specified YES ☒ NO ☐

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**GLOVE STORAGE:** There shall be glove storage at the rear of the add on console as part of the add on console. It shall be designed to hold (4) four boxes of gloves standing on end for easy access.

Does your bid meet exactly as specified YES ☒ NO ☐

**CAB CONSOLE FINISH:** The console body shall be finished with a 20 mil Easy Grip film. The Easy Grip shall be a self-adhesive as well as bonded to the substrate with high bond contact adhesive. All joints shall be inconspicuous and bonded along the edges.

Does your bid meet exactly as specified YES ☒ NO ☐

**BACK UP ALARM:** The apparatus shall include a 97 to 107 decibel back up alarm, activated by shifting into reverse. There shall be a manual momentary cancel switch/icon in the main electrical system for the temporary cancelation by the driver of this alarm.

Does your bid meet exactly as specified YES ☒ NO ☐

**CUT-OFF SWITCH, BACK UP ALARM:** The backup alarm shall include a momentary type cut off switch to silence the alarm. The alarm enable circuit shall automatically reset when the transmission is shifted out of REVERSE, hence the backup alarm will sound when the vehicle is placed in REVERSE again.

Does your bid meet exactly as specified YES ☒ NO ☐

**GROUND STRAPS:** Four (4) 7/8" wide by 1/8" thick, fine strand, woven straps shall provide a ground path from the module body to the chassis frame. Woven straps filter out RFI noise originating from alternators, strobe power supplies and other devices that may find their way into intercom, stereo and two way communication radios. Each end of the ground straps shall be through bolted with 3/8" diameter, grade 5 or 8, hex head bolts and lock nuts. Each connection site shall be cleaned to the bare metal prior to fastening the strap. The connections shall have a dielectric anti-corrosion spray applied.

Does your bid meet exactly as specified YES ☒ NO ☐

**12 VOLT POWER INVERTER:** A highly reliable electronic power conversion unit that utilizes MOSFET power semiconductors and a microprocessor controller shall be supplied, installed and wired to the outlets specified herein. A Built in 30A automatic transfer switch shall transfer all loads from the inverter to the shore line when the shore line cord is plugged into 125 vac shoreline power. The device shall convert 12 volt DC battery power into 1,050 watts of precisely regulated modified sine wave 125 volt AC power. The device shall hold output power between 114 volts and 126 volts AT a frequency of 59.9 to 60.1 Hertz.

The device shall not consume more than 105 amperes at 12 volts direct current (DC). The device shall be certified by Underwriters Laboratories to the present revision of the Federal Specification KKK-A-1822. The location of the inverter is specified below.



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Does your bid meet exactly as specified YES ☒ NO ☐

The power inverter shall reside in the left front middle compartment.

Does your bid meet exactly as specified YES ☒ NO ☐

COVER: There shall be a Lexan Cover over the inverter for protection.

Does your bid meet exactly as specified YES ☒ NO ☐

POWER SOURCE FOR PORTABLE EQUIPMENT No 1: The power sources shall be located (1) console, in the cab and (1) behind the A/A panel.

Does your bid meet exactly as specified YES ☒ NO ☐

POWER SOURCE: The aforementioned power provision shall be fed off of the output of the ignition switch or when the battery charger/conditioner is connected to the shoreline.

Does your bid meet exactly as specified YES ☒ NO ☐

UNDER HOOD GENERATOR: The MEPS electricity produced will be pure sine wave AC power. The frequency is crystal-controlled, so no matter what RPM your engine is turning, the frequency will be either 60Hz or 50Hz as set at the factory. The generator shall have a rugged and dependable design. The housings are powder coated for weather resistance and longevity with steel inserts pressed into the housing for added strength. The front and rear housings are also reinforced with engineered slots for maximum airflow. The center ring has cooling slots that introduce cool air midway into the generator. The bearings are constructed with high-temperature grease and seals. The stator and rotor are hand wound for precision and are exclusive. The generators receive thorough testing and quality checks to ensure proper operation and customer satisfaction.

The ACUs are constructed of durable, heat-resistant aluminum. Each unit is powder coated to ensure reliability and longevity. The ACU will produce a full load at 120-degree ambient temperature, and is mounted inside. Therefore, it will not derate with outside temperature, altitude, or the presence of harmonics in the load.

Does your bid meet exactly as specified YES ☒ NO ☐

BATTERY CHARGER/CONDITIONER: When the system is connected to shore/utility power, the battery charger will automatically charge the batteries then keep them fully charged. The system's microprocessor controls the charging sequence, starting with the high charger (55 Amp) mode. When the batteries are fully charged, it switches to the ready/maintenance mode to keep the battery "topped up". The battery charger shall be designed to charge either lead acid flooded (wet) or gel type batteries.

Does your bid meet exactly as specified YES ☒ NO ☐

# LAFOURCHE AMBULANCE DISTRICT NO 1

**BATTERY CHARGER:** The aforementioned built in battery charger shall be wired to the vehicle batteries to allow charging/conditioning when the shoreline is energized. The Battery Charger shall reside in the left front middle compartment.

Does your bid meet exactly as specified YES ☒ NO ☐

## COMMUNICATIONS RADIO(S) RELATED

**POWER SOURCE FOR COMMUNICATION RADIO(S) No 1:** Positive and Negative polarity ten gauge wires shall be supplied and installed for subsequent installation of communications radio(s). The wires shall be barreled off and protected by a thirty (30) ampere automatic reset circuit breaker

Does your bid meet exactly as specified YES ☒ NO ☐

**POWER SOURCE:** The power provision shall be fed off of the output of the conversion main power (Battery) switch.

**LOCATION:** The power source shall be located behind the passenger's seat, in the cab.

Does your bid meet exactly as specified YES ☒ NO ☐

**POWER SOURCE FOR COMMUNICATION RADIO(S) No 2:** Positive and Negative polarity ten gauge wires shall be supplied and installed for subsequent installation of communications radio(s). The wires shall be barreled off and protected by a thirty (30) ampere automatic reset circuit breaker.

Does your bid meet exactly as specified YES ☒ NO ☐

**POWER SOURCE:** The power provision shall be fed off of the output of the conversion main power (Battery) switch.

**LOCATION:** The power source shall be located behind the Action area control panel in the patient cabin.

Does your bid meet exactly as specified YES ☒ NO ☐

## ANTENNA LEADS

**COMMUNICATIONS RADIO ANTENNA PRE-COAX No 1:** This coaxial cable shall be RG58-U type. There shall be an 18 inch service loop at the mod roof and a 36 inch tail at the interior termination point. A tag shall specify the other termination point for each coax provided.

Does your bid meet exactly as specified YES ☒ NO ☐



# LAFOURCHE AMBULANCE DISTRICT NO 1

ORIENTATION POINT: The Coaxial cable shall originate on the module roof. The port location shall be centered side to side and approximately 36" back from the front edge of the module roof.

TERMINATION POINT: The Coaxial cable shall terminate in the cab / drivers' cabin behind the passenger seat.

Does your bid meet exactly as specified YES ☒ NO ☐

## 125V SHORE LINE AND OUTLETS

SHORE LINE INLET: The primary 125 Volt shore line inlet, rated at 30 Amperes shall be supplied. The plug style shall be a twist-lock style (NEMA L5-30) with a ground. The inlet shall be protected with a weather proof, gray colored cover.

Does your bid meet exactly as specified YES ☒ NO ☐

SHORE LINE INLET NO.2: The primary 125 Volt shore line inlet, rated at 30 Amperes shall be supplied. The plug style shall be a twist-lock style (NEMA L5-30) with a ground. The inlet shall be protected with a weather proof, gray colored cover.

Does your bid meet exactly as specified YES ☒ NO ☐

## 125 VAC OUTLETS

SUPPLEMENTAL HEATER: A small AC current heater shall be recessed and installed in interior of patient area. The location shall be determined at a pre-build meeting.

Does your bid meet exactly as specified YES ☒ NO ☐

RECESSED BEZEL: The heater shall be installed with a recessed bezel to cause the face and controls of the heater to be set back from the planar face of the cabinet. The bezel shall be made of metal and black powder coated.

Does your bid meet exactly as specified YES ☒ NO ☐

HEAT DISSIPATION PLATE: A .125 smooth aluminum, DA sanded shall be provided and secured to the ambulance ceiling panel directly above the 125 heater output to help dissipate the heat without an excess heat coming in contact with the ceiling panels.

Does your bid meet exactly as specified YES ☒ NO ☐

## 125 VAC OUTLETS

125 VAC OUTLET No. 1: The following outlets shall be UL listed, 125 Volt, Hospital grade, Straight blade NEMA 5-15R outlets. Each outlet shall be installed in a UL listed, recessed, fiberglass back box with a minimum of one and three quarter inch of box depth. The outlet cover shall be stainless

# LAFOURCHE AMBULANCE DISTRICT NO 1

steel. The outlet must be grounded and protected by a GFI (Ground Fault Interrupted) Breaker. Each outlet body must illuminate when power is applied to the outlet. Each Outlet shall be clearly labeled with a permanent RED colored decal defining the outlet voltage.

Does your bid meet exactly as specified YES ☒ NO ☐

OUTLET LOCATION: This 125 Volt outlet shall be located in the patient cabin's main "Action Area" with location as shown on the approval drawings.

Does your bid meet exactly as specified YES ☒ NO ☐

125 VAC OUTLET No. 2:

OUTLET LOCATION: This 125 Volt outlet shall be located inside of the right front ALS Cabinet. The outlet shall be mounted on the back wall of the cabinet (related to inside access) in the upper right corner. The location of the outlet shall be defined on the proposal drawings.

Does your bid meet exactly as specified YES ☒ NO ☐

125 VAC OUTLET No. 3:

OUTLET LOCATION: The outlet's location shall be located in the back wall of the cab behind the passenger seat.

Does your bid meet exactly as specified YES ☒ NO ☐

125 VAC OUTLET No. 4:

OUTLET LOCATION: This 125 Volt outlet shall be located in the patient cabin's, extended action area that is located just forward of the street side CPR side seat. The outlet shall be mounted on the back wall so that the depth of the back box does not protrude into adjacent cabinets. The location of the outlet shall be defined on the proposal drawings.

Does your bid meet exactly as specified YES ☒ NO ☐

INTERIOR 12 VOLT DIRECT CURRENT (DC) OUTLETS:

12 VOLT OUTLET No 1: This outlet shall be a, 12 volt, direct current, 20 Ampere, automotive "cigar" lighter size commercial outlet. This outlet shall be located and wired as specified below. The outlet shall be separately protected and shall be electrically isolated from other electrical functions on the vehicle. This outlet shall be wired per current Federal specification KKK-A-1822.

OUTLET LOCATION: This 12 Volt outlet shall be located in the patient cabin's main "Action Area", on the back wall.



# LAFOURCHE AMBULANCE DISTRICT NO 1

POWER SOURCE: The input for the outlet shall be wired to the output of the battery switch.

Does your bid meet exactly as specified YES ☒ NO ☐

12 VOLT OUTLET No 2: This outlet shall be wired the same as outlet #1.

OUTLET LOCATION: This 12 Volt outlet shall be located inside of the right front ALS Cabinet. The outlet shall be mounted on the back wall of the cabinet (related to inside access) in the upper right corner. The location of the outlet shall be defined on the proposal drawings.

POWER SOURCE: The input for the outlet shall be wired exactly like outlet Number One.

Does your bid meet exactly as specified YES ☒ NO ☐

12 VOLT OUTLET No 3: This outlet shall be wired the same as outlet #1.

OUTLET LOCATION: This 12 Volt outlet shall be located in the patient cabin's extended action area that is located just aft of the street side CPR side seat and wired as specified below. The outlet shall be mounted on the back wall so that the depth of the back box does not protrude into adjacent cabinets. The location of the outlet shall be defined on the proposal drawings. This outlet shall be wired per federal specification KKK-A-1822D 3.7.7.3.

POWER SOURCE: The input for the outlet shall be wired exactly like outlet Number One.

Does your bid meet exactly as specified YES ☒ NO ☐

ELECTRONIC SIREN: The siren hardware shall consist of an amplifier with control head. The two channel siren amplifier shall operate two 100 watt RMS speaker drivers and the following functions: RAD, PA, MAN, HF, WAIL, YELP, PIER. The siren control head shall feature a rocker type power switch, rotary function/Mode switch, a Manual momentary button switch, Diagnostic indicator lights a hardwired microphone and a microphone volume control potentiometer.

Does your bid meet exactly as specified YES ☒ NO ☐

SIREN SPEAKERS: Each speaker shall have a 100 watt driver and shall emit through the cast aluminum horn, specifically designed to custom fit against the contours of the OEM Front bumper. The cast horn to bumper fit shall be tight and aesthetically pleasing. The edges of each hole, in the bumper, shall be clean and shall have rust preventative treatment, prior to final installation of the speakers. The siren and speakers shall meet or exceed current Federal KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

# LAFOURCHE AMBULANCE DISTRICT NO 1

**SIREN OR HORN SELECTOR SWITCH:** The OEM horn ring shall control the OEM electric horn and the siren's manual momentary input controls. A switch shall connect the horn ring to either the OEM HORN or to the SIREN. The switch shall be located in the cab console's switch panel. The switch legend that clearly defines the switch function shall be engraved in the switch panel. The legend shall be illuminated when the head light switch is on.

Does your bid meet exactly as specified YES ☒ NO ☐

**SIREN SPEAKERS:** The siren speakers shall not block air-flow into the grille. The speaker shall have dual 100 watt drivers. The siren and speakers shall meet or exceed Federal KKK Specifications.

Does your bid meet exactly as specified YES ☒ NO ☐

**ELECTRONIC SIREN No 2:** The second, backup siren shall be a technologically advanced siren featuring hands free operation. The siren hardware shall consist of an amplifier and a remote mounted control head. The two channel siren amplifier shall operate two 100 watt RMS speaker drivers.

The siren control head shall feature a rocker type power switch, rotary function/Mode switch, a Manual momentary button switch, Diagnostic indicator lights a hardwired microphone and a microphone volume control potentiometer. The eight-position rotary switch shall feature the following modes:

RAD mode shall be a radio repeat position that receives any signal from the vehicles two-way communications radio and simultaneously broadcast over the vehicles load speaker. This mode will also connect the horn ring to the "Air Horn" tone. The tone will emit as long as the horn ring is depressed.

PA (Public Address) mode shall place the siren in a standby state, allowing the user to address the public using the microphone.

MAN (Manual Siren) mode shall place the siren in a standby state where no tones have been activated, but is waiting for another action to be taken by the operator. With the rotary switch in this position, depressing the "Man" button shall result in a WAIL tone ramping up to peak frequency and stopping when the "Man" switch is released. The horn ring shall be connected to the siren with a siren/horn mode switch in the cab console. With the Siren/Horn switch selected to "siren", the same manual wail will emit with the horn ring.

HF (Hands Free) mode shall place the siren in a standby state. Siren tones shall be activated by a single tap on the "Man" button or a single tap on the vehicles' horn ring. (The siren/horn selector switch must be set to "Siren".) The first tap shall produce a "Wail" tone A second tap shall produce a "Yelp" tone A third tap shall produce a "Piercer" tone A fourth tap shall repeat the aforementioned cycle. Two quick successive taps shall stop the siren.



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WAIL (Wail Tone) mode shall produce a steady rising and falling tone shall be produced through the siren speakers. Siren tone shall change to "Yelp" by either tapping the "MAN" button or tapping the horn ring with the siren/horn selector switch set to "Siren" Tapping on the aforementioned again will return the siren to "Wail" tone.

YELP (Yelp Tone) mode shall produce a fast rising and falling tone shall be produced through the siren speakers. Siren tone shall change to an "Electronic Air Horn" blast by either depressing the "MAN" button or depressing the horn ring with the siren/horn selector switch set to "siren". The "Air Horn" tone will return to "Yelp" when the aforementioned button/horn ring is released.

PIER (Piercer Tone) mode shall produce an extremely fast rising and falling tone. Siren tone shall change to an "Electronic Air Horn" blast by either depressing the "MAN" button or depressing the horn ring with the siren/horn selector switch set to "siren". The "Air Horn" tone will return to "Yelp" when the aforementioned button/horn ring is released.

The siren shall feature SI-Test and two diagnostic indicators one for EACH siren speaker. The SI-Test is a diagnostic feature that allows the user to confirm the proper operation of the siren speakers without activating an audible siren tone. The test shall easily be initiated by setting the rotary switch to the "RAD" position and depressing and releasing the "MAN" button. The entire test duration shall be approximately 1.5 seconds. Both indicators will illuminate steady if no problems were detected. Problems are indicated by flashing LED lights or LED lights that fail to illuminate. Fault conditions shall be clearly defined in the manufacturer's manual.

This device shall be covered under warranty for a period of five (5) years from the date of delivery.

Does your bid meet exactly as specified YES ☒ NO ☐

SIREN SPEAKERS WIRING: The Additional Siren shall be connected to the SAME set of siren speakers as the main siren. The connection shall be made as follows:

Does your bid meet exactly as specified YES ☒ NO ☐

AUTOMATIC SIREN OR HORN SELECTOR SWITCH: The OEM Horn ring shall control the OEM electric horn and the siren's manual momentary input controls. The horn ring output shall be automatically transferred from the OEM horns to the SIREN when the siren's main power is switched ON.

HOWLER SIREN SYSTEM: There shall be an additional siren installed on the ambulance. The siren shall be a Whelen Howler siren with amplifier and dual driver's. There shall be custom bracket as needed to accommodate the chassis application. Dual speakers shall be included.

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Does your bid meet exactly as specified YES ☒ NO ☐

## GENERAL CABINET CONSTRUCTION

**SUBSTRATES:** The interior cabinets and components shall be constructed of exterior water boil proof resin (WBP). The glue line between layers shall be of similar chemical makeup as the phenolic resin used in marine Grade plywood, as designated by the APA (American Plywood Association). Phenolic resins are designed to eliminate formaldehyde off gassing often associated with most hardwood plywood. The exposed layers of the substrate shall be hard wood on both sides of the sheet, these layers shall be 99% void free. Cabinet cases are to be made from at least 12mm thick, minimum 5 ply. Bench Lids and Doors shall be made from at least 18 mm thick, minimum 7 ply.

Does your bid meet exactly as specified YES ☒ NO ☐

**CABINET INTERIOR FINISH:** Cabinet interior shall be laminated with white colored, high impact, abrasion resistant laminate. The contact adhesive shall be a high bond contact adhesive, specifically designed to bond plywood to laminate. The laminate shall be at least 28 mills thick.

Does your bid meet exactly as specified YES ☒ NO ☐

**LAMINATE:** A high impact, phenolic backed, high impact, and abrasion resistant laminate shall be used. The laminate shall be at least 45 mills thick. This material as well as all interior components shall meet or exceed FMVSS #302 (Burn rate of interior components). Color selection shall be specified at the pre-build conference.

Does your bid meet exactly as specified YES ☒ NO ☐

**CABINET ASSEMBLY:** To maximize fastener bite, cabinet substrate parts shall be stapled with pneumatic fired equipment. The length of the fastener shall be at least 2.25 times the thickness of the material being pierced through. In addition to staples, the entire cabinet assembly must be screwed together with a minimum #8 screw size and a length not less than 2.25 times the thickness of the pierced substrate. Screw heads shall be countersink type and driven flush. Reinforcement cleats shall be bonded to the inside corners where the backside of the face of the cabinet meets the case of the cabinet. The glue used shall be, yellow colored water proof resin type.

Does your bid meet exactly as specified YES ☒ NO ☐

**CABINET TRIM:** All trim throughout the interior conversion shall be anodized aluminum or formed stainless steel. All exposed corners within the patient compartment shall have padded or rounded corners. Rounded corners shall be at least .250 inch radius. Rounded corners shall not compromise maximum cabinet assembly strength. The trim shall be bonded with a high strength adhesive.

Does your bid meet exactly as specified YES ☒ NO ☐



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**FIT AND FINISH:** Mitered joints throughout the interior conversion shall have a gap-less, hairline fit. Sliding polycarbonate door assemblies shall be scratch free and all edges shall be smooth and free of saw marks and sharp edges. Cabinet to cabinet joints shall not require more than 7/32 diameter welting to create a finished/well-fit look. Cabinets shall fit tightly against the ceiling as well.

Does your bid meet exactly as specified YES ✓ NO       

**FUNCTION:** Doors and drawers shall fit the opening. When specified, flush fitting doors shall have even door to opening gaps. All doors shall open and close bind free. Drawers shall slide in and out freely, without drag. All drawers shall be mounted on side mounted, full extension drawer slides, rated no less than 75 pounds per pair. All hinged wood core doors shall have positive latches. High traffic, high cycle doors shall have adjustable tension, brass bodied catches. All hinged polycarbonate doors shall have adjustable tension, brass bodied catches.

Does your bid meet exactly as specified YES ✓ NO       

## CABINET DOORS

**SLIDING POLYCARBONATE DOORS:** Polycarbonate shall hereinafter be identified as Lexan. Unless specified otherwise, all cabinets along the street and curb side of the vehicle shall have a mitered framed, sliding transparent Lexan door assembly. The polycarbonate shall be at least 3/16 inch thick. Each door shall be fitted with a full length, extruded aluminum door handle. The door pull extrusion shall also add bend resistance to the door. The door track/Frame extrusion shall incorporate a flocked natural rubber track insert to prevent the doors from sliding free during transit. The corners of the assembly shall have drive-in corner spline. Each spline shall be riveted into place. All extrusions shall be anodized.

Does your bid meet exactly as specified YES ✓ NO       

**HINGED POLYCARBONATE DOORS:** Polycarbonate shall hereinafter be identified as Lexan. The polycarbonate shall be at least 3/16 inch thick. The desired thickness shall be noted within this specification at each door location. The door orientation, hinge style and latch shall also be noted at each door location as well. The door edges shall be rounded and smooth since it will be the finished edge that will be visible.

Does your bid meet exactly as specified YES ✓ NO       

**SOLID HINGED DOOR:** When a solid door is specified, a 3/4" (19mm) thick door shall be supplied on the cabinet. The substrate shall be 7-ply, A-A (Cabinet grade), hardwood plywood. The door shall be flush fitted to the opening and have uniform gap spacing around the perimeter of the door. The door shall be hung on a continuous, stainless steel piano hinge with mounting screws, spaced every two inches along the full length of the pre-punched hinge. The door shall be finished on both sides with

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white cabinet liner laminate on the inside and the same colored mica as the cabinet fascia on the outside.

Does your bid meet exactly as specified YES ☒ NO ☐

**BULKHEAD, PATIENT / DRIVER CABIN:** A permanent partition shall be installed between the driver's cabin and the patient's cabin. The partition shall be through bolted through cab extension structural C-channels. The C-channels shall be integrated into the front section of the module body. The channel flanges shall be directed toward the cab interior to permit through bolting of the bulkhead panel and cabinetry.

Does your bid meet exactly as specified YES ☒ NO ☐

**MICA COLOR:** The mica color selection shall be White with a Glossy finish. A sample of the subject mica color shall be supplied at the post award conference.

Does your bid meet exactly as specified YES ☒ NO ☐

**LEXANTM COLOR:** The LEXANTM throughout the vehicle shall be transparent with a gray medium tint. All doors shall be at least three sixteenths of one inch thick (3/16"), shatter proof and scratch resistant. The edges of the door shall be worked and burned smooth. The material shall be flexible enough to be cold formed (Bent) at ninety degrees, without fracturing the material.

Does your bid meet exactly as specified YES ☒ NO ☐

**HANDLES, LEXAN WINDOW DOORS:** Full height, anodized aluminum, extruded drive on handles shall be supplied on each 3/16" door. The handle shall wrap around the leading edge of each door and mount with one way angular, blind mounting teeth designed to be driven on.

Does your bid meet exactly as specified YES ☒ NO ☐

**SECURITY TAG FEATURE:** Each sliding polycarbonate door shall have a footman eye loop secured to the outer part of the sliding Lexan frames down low on the frame. Adjacent to the eyelet shall be a hole drilled into the full length extruded aluminum handle. The hole shall be large enough in the extruded handle designed to install security tags. The tags are designed to identify cabinets that have been entered and need to be restocked.

Does your bid meet exactly as specified YES ☒ NO ☐

**ATTENDANT SEAT:** There shall be a high back captain's seat mounted in the patient area. The seat shall have an integrated child safety seat with a pull down backrest and concealed 4-point child restraint. The seat shall be mounted per the requirements in the latest revision of KKK-A-1822. The seat shall be compliant to J3027 tested by the seat manufacturer.



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The seatbelt on the main part of the seat shall be an integrated, 6-point that is supplied and tested by the seat manufacturer as a complete package. The seat color shall be Blue Ridge. The seat vinyl assembly shall be vacuum formed. The seat shall contain both left and right arm rest.

Does your bid meet exactly as specified YES ☒ NO ☐

SEAT BASE: There shall be a powder coated metal seat that is tested with the integrated Child Safety 4-point harness that is hidden behind the removable back pad. The metal base shall be concealed behind a substrate with mica laminate to be color keyed to the patient area interior. There shall be a flush mounted solid door on a stainless steel hinge with a spring loaded lever latch.

Does your bid meet exactly as specified YES ☒ NO ☐

SOLID HINGED DOOR: A 3/4" (19mm) thick door shall be supplied on the aforementioned cabinet. The door shall be flush fitted to the opening and have uniform gap spacing around the perimeter of the door. The door shall be hung on a continuous, stainless steel piano hinge with mounting screws, spaced every two inches along the full length of the pre-punched hinge. The door shall be finished with white cabinet liner laminate on the inside and the same colored mica as the cabinet face on the outside.

Does your bid meet exactly as specified YES ☒ NO ☐

DOOR EDGE FINISH: The edges of the aforementioned door(s) shall be covered with anodized aluminum, U-shaped trim. The trim shall be miter cut and wrapped around the perimeter of the door (On ALL four sides), including the hinged side. The trim shall be bonded to the door edge and clamped. No screws or other mechanical fastener shall be used to fasten the trim work to the door(s). The corners of the doors shall be broken (rounded) after application. Vinyl "Iron on" or mica edge banding is not acceptable.

Does your bid meet exactly as specified YES ☒ NO ☐

HINGE ORIENTATION: The aforementioned door shall be hinged along the bottom edge of the door.

Does your bid meet exactly as specified YES ☒ NO ☐

LOCKING LATCH: A positive latch shall be supplied and installed on the aforementioned cabinet door. The latch shall be powder coated Black and be near flush when in the "Closed" position. The latch shall be fitted with a cylinder type lock that prevents door latch activation, when locked. Door latch activation shall be triggered by depressing a flush fitted release button that unlatches a lever. The spring loaded lever shall rotate about an axis near the surface of the door panel and extended a rotating pawl behind the latch side door frame. The depth of the pawl shall be adjustable to the latch side door frame. A small "preload" on the latch shall be imposed to prevent the door from rattling.

Does your bid meet exactly as specified YES ☒ NO ☐

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**STOWAGE LABEL:** A label shall be applied for any door, drawer, or other stowage area secured by a black lever latch, indicating its ability to restrain 8 pounds of contents within the stowage area. This latch has been tested and is compliant within the requirements of SAE J3058 as required under Federal specification KKK-A-1822F section 3.11.3.

Does your bid meet exactly as specified YES ☒ NO ☐

**ARM RESTS:** The aforementioned captains' chair attendant seat shall have an arm rest for both arms of the seated attendant. The arm rests shall swivel upward to facilitate easy egress.

Does your bid meet exactly as specified YES ☒ NO ☐

**AIR CONDITIONING EVAPORATOR CABINET:** The patient cabin shall be equipped with a rear air conditioning and heat unit. AC Unit shall be located on the floor behind the Attendant seat. The design shall provide adequate air return to meet or exceed the current revision of the Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

**BULKHEAD UPPER CABINET:** This cabinet shall be located behind and over the seated attendant. The access door shall be hinged along the top with a "C" shaped handle at the bottom. The hinges to be reel torque style and there shall be an adjustable roller ball grabber catch to hold the door in the closed and latched position.

Does your bid meet exactly as specified YES ☒ NO ☐

**SINGLE FLIP UP POLYCARBONATE DOOR:** A Single 3/8" (0.375 in) thick, overlay flip up door shall be supplied on the cabinet.

Does your bid meet exactly as specified YES ☒ NO ☐

**NON-LOCKING LATCH:** A round pull style chrome positive latch shall be supplied and installed on the cabinet door. A small "pre-load" on the latch shall be imposed to prevent the door from rattling.

Does your bid meet exactly as specified YES ☒ NO ☐

**STOWAGE LABEL:** A label shall be applied for any door, drawer, or other stowage area secured by a Round Southco latch, indicating its ability to restrain 10 pounds of contents within the stowage area. This latch has been tested and is compliant within the requirements of SAE J3058 as required under Federal specification KKK-A-1822F section 3.11.3.

Does your bid meet exactly as specified YES ☒ NO ☐

**CURB SIDE UPPER CABINET:** The curbside upper cabinet is located on the curbside (right side) of the patient cabin, over the squad bench. The cabinet length shall be maximized and start within two inches of the curbside entry door opening and mate against the rear wall of the patient cabin. A four



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box glove dispenser shall be built into the head end of this cabinet with a fixed partition between each box of gloves. The gloves shall dispense through oblong slots cut into the 3/8-inch thick Lexan door. One door shall cover all four glove box bays, hinge across the top and feature a brass bodied, roller bearing type catch at the bottom.

Does your bid meet exactly as specified YES ☒ NO ☐

CABINET "K": An interior cabinet shall be provided above the squad bench, on the curb side of the vehicle. This multipurpose cabinet interior shall be finished in high impact, white colored mica that is impervious to disinfectants and cleaners. The cabinet shall have a single opening and one fixed divider, setback for door operation.

Does your bid meet exactly as specified YES ☒ NO ☐

SINGLE FLIP UP POLYCARBONATE DOOR: A Single 3/8" (0.375 in) thick, overlay flip up door shall be supplied on the cabinet.

Does your bid meet exactly as specified YES ☒ NO ☐

NON-LOCKING LATCH: A black positive latch shall be supplied and installed on the cabinet door. A small "preload" on the latch shall be imposed to prevent the door from rattling.

Does your bid meet exactly as specified YES ☒ NO ☐

STOWAGE LABEL; A label shall be applied for any door, drawer, or other stowage area secured by a black lever latch, indicating its ability to restrain 8 pounds of contents within the stowage area. This latch has been tested and is compliant within the requirements of SAE J3058 as required under Federal specification KKK-A-1822F section 3.11.3.

Does your bid meet exactly as specified YES ☒ NO ☐

CABINET "L": Cabinet "L" shall accommodate four (4) disposable glove boxes. The cabinet shall feature three fixed set back dividers to keep the glove boxes in position during transit. The dispenser shall be located at the forward end of the aforementioned "Curb side Upper". The dispense through door shall be 3/8" Lexan with machined oblong slotted holes designed and aligned specifically to remove gloves without having to open the door.

Does your bid meet exactly as specified YES ☒ NO ☐

HINGED POLYCARBONATE DOOR: A 3/8" (0.375 in) thick overlay hinged door with three oblong, dispense through holes shall be supplied on the aforementioned cabinet. The outer door edges and the oblong hole edges in the door shall be router semi-round and burned smooth. Each oblong hole shall align with the center of each divided cabinet cell. The design intent for the oblong holes is to be capable of dispensing gloves through the door, directly from the box.

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Does your bid meet exactly as specified YES ☒ NO ☐

**NON-LOCKING LATCH:** A round pull style chrome positive latch shall be supplied and installed on the cabinet door. A small "pre-load" on the latch shall be imposed to prevent the door from rattling.

Does your bid meet exactly as specified YES ☒ NO ☐

**STOWAGE LABEL:** A label shall be applied for any door, drawer, or other stowage area secured by a Round Southco latch, indicating its ability to restrain 10 pounds of contents within the stowage area. This latch has been tested and is compliant within the requirements of SAE J3058 as required under Federal specification KKK-A-1822F section 3.11.3.

Does your bid meet exactly as specified YES ☒ NO ☐

**LEFT FRONT CABINET, CABINET "H":** Cabinet "H" is the electrical cabinet behind the attendant seat on top of the AC Unit. This cabinet will house the modular electrical components to include two air vents in the door.

Does your bid meet exactly as specified YES ☒ NO ☐

**PLASTIC VENT:** A fifteen square inch free air flow ventilation hole be cut into the above door. The edges of the cut out shall be banded. The hole shall be covered with an aesthetically appealing, molded plastic louver cover. The louver cover shall be black in color and secured with at least one No 8 screw in each corner.

Does your bid meet exactly as specified YES ☒ NO ☐

**SOLID HINGED DOOR:** A 3/4" (19mm) thick door shall be supplied on the aforementioned cabinet. The door shall be flush fitted to the opening and have uniform gap spacing around the perimeter of the door. The door shall be hung on a continuous, stainless steel piano hinge with mounting screws, spaced every two inches along the full length of the pre-punched hinge. The door shall be finished with white cabinet liner laminate on the inside and the same colored mica as the cabinet face on the outside.

Does your bid meet exactly as specified YES ☒ NO ☐

**DOOR EDGE FINISH:** The edges of the aforementioned door(s) shall be covered with anodized aluminum, U-shaped trim. The trim shall be miter cut and wrapped around the perimeter of the door (On ALL four sides), including the hinged side. The trim shall be bonded to the door edge and clamped. No screws or other mechanical fastener shall be used to fasten the trim work to the door(s). The corners of the doors shall be broken (rounded) after application. Vinyl "Iron on" or mica edge banding is not acceptable.

Does your bid meet exactly as specified YES ☒ NO ☐

**HINGE ORIENTATION:** The aforementioned door shall be hinged along the right edge of the door.



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Does your bid meet exactly as specified YES ☒ NO ☐

**LOCKING LATCH:** A positive latch shall be supplied and installed on the aforementioned cabinet door. The latch shall be powder coated black and be near flush when in the "Closed" position. The latch shall be fitted with a cylinder type lock that prevents door latch activation, when locked. Door latch activation shall be triggered by depressing a flush fitted release button that unlatches a lever. The spring loaded lever shall rotate about an axis near the surface of the door panel and extended a rotating pawl behind the latch side door frame. The depth of the pawl shall be adjustable to the latch side door frame. A small "preload" on the latch shall be imposed to prevent the door from rattling.

Does your bid meet exactly as specified YES ☒ NO ☐

**STOWAGE LABEL:** A label shall be applied for any door, drawer, or other stowage area secured by a black lever latch, indicating its ability to restrain 8 pounds of contents within the stowage area. This latch has been tested and is compliant within the requirements of SAE J3058 as required under Federal specification KKK-A-1822F section 3.11.3.

Does your bid meet exactly as specified YES ☒ NO ☐

**RIGHT FRONT CABINET (I):** The right front cabinet is hereinafter known as ALS cabinet. All fixed and adjustable shelf surfaces shall be covered in Easy Grip material. All fixed and adjustable shelf lips shall be covered with anodized aluminum trim. All shelves shall have a 3/4 lip. The ALS cabinet shall provide at least 22.0 cubic feet of storage and Configured as follows.

Does your bid meet exactly as specified YES ☒ NO ☐

**CABINET I-1:** This cabinet is located on the top section of the right front patient area.

**SOLID HINGED DOOR:** A 3/4" (19mm) thick door shall be supplied on the aforementioned cabinet. The door shall be flush fitted to the opening and have uniform gap spacing around the perimeter of the door. The door shall be hung on a continuous, stainless steel piano hinge with mounting screws, spaced every two inches along the full length of the pre-punched hinge. The door shall be finished with white cabinet liner laminate on the inside and the same colored mica as the cabinet face on the outside.

Does your bid meet exactly as specified YES ☒ NO ☐

**DOOR EDGE FINISH:** The edges of the aforementioned door(s) shall be covered with anodized aluminum, U-shaped trim. The trim shall be miter cut and wrapped around the perimeter of the door (On ALL four sides), including the hinged side. The trim shall be bonded to the door edge and clamped. No screws or other mechanical fastener shall be used to fasten the trim work to the

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door(s). The corners of the doors shall be broken (rounded) after application. Vinyl "Iron on" or mica edge banding is not acceptable.

Does your bid meet exactly as specified YES ☒ NO ☐

HINGE ORIENTATION: The aforementioned door shall be hinged along the top edge of the door.

Does your bid meet exactly as specified YES ☒ NO ☐

LOCKING LATCH: A positive latch shall be supplied and installed on the aforementioned cabinet door. The latch shall be powder coated Black and be near flush when in the "Closed" position. The latch shall be fitted with a cylinder type lock that prevents door latch activation, when locked. Door latch activation shall be triggered by depressing a flush fitted release button that unlatches a lever. The spring loaded lever shall rotate about an axis near the surface of the door panel and extended a rotating pawl behind the latch side door frame. The depth of the pawl shall be adjustable to the latch side door frame. A small "preload" on the latch shall be imposed to prevent the door from rattling.

Does your bid meet exactly as specified YES ☒ NO ☐

STOWAGE LABEL: A label shall be applied for any door, drawer, or other stowage area secured by a black lever latch, indicating its ability to restrain 8 pounds of contents within the stowage area. This latch has been tested and is compliant within the requirements of SAE J3058 as required under Federal specification KKK-A-1822F section 3.11.3.  
Bidder Complies

CABINET I-2: The middle section shall be shortened in height to accommodate for taller I-3 storage below I-2 section

Does your bid meet exactly as specified YES ☒ NO ☐

SOLID DUAL FLUSH DOORS: Two oppositely hinged, 3/4" (19mm) thick door shall be supplied on the aforementioned cabinet. The doors shall be flush fitted to the opening and have uniform gap spacing around the perimeter of the door. The door shall be hung on a continuous, stainless steel piano hinge with mounting screws, spaced every two inches along the full length of the pre-punched hinge. The door shall be finished with white cabinet liner laminate on the inside and the same colored mica as the cabinet face on the outside.

HINGE ORIENTATION: The doors shall be hinged along the outside edge of each door.

C-HANDLES: Each door shall be fitted with a four inch wire pull with a brushed chrome finish.

DOOR CATCH: An opposing ball bearing catch shall be supplied and installed on the cabinet door. The catch body shall be made of brass with Built in tension adjustment to relax or intensify the "grip" on the door.

Does your bid meet exactly as specified YES ☒ NO ☐



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**RIGHT FRONT CABINET OUTSIDE ACCESS:** The right front cabinet of the module shall have outside access through the right front (M-7) compartment door.

**SHELF STANDARDS:** The cabinet shall be equipped with four aluminum shelf standards. The shelf standards shall be adjustable in one-half inch increments.

**ALS ADJUSTABLE SHELVES:** A 20 mil, abrasion resistant, durable, textured plastic film shall be hereinafter referred to as Easy Grip. This adjustable shelf surfaces shall be covered in Easy Grip material to minimize the appearance of wear patterns. Two adjustable shelves shall be supplied in the aforementioned cabinet. Each shelf shall be made of 1/2" (13mm) thick, 5-ply plywood with a 3/4" Lip on all edges facing an access opening. The outwardly exposed edges and the bottom of the shelf shall be finished in white colored cabinet liner laminate. Additionally the shelf shall be trimmed in anodized aluminum "lip over" trim. The trim shall cover the top surface of the 3/4" lips and the perimeter of the shelf bottom.

Each shelf shall be secured with four (4) shelf clips with Phillips head wood screws, from the incrementally adjustable shelf standard tracking on the sides of the cabinet. There shall be two shelf standards are both left and right sides of the adjustable shelf.

Does your bid meet exactly as specified YES ☒ NO ☐

**CABINET I-3:** The lower section shall be a minimum of 18" tall.

Does your bid meet exactly as specified YES ☒ NO ☐

**SOLID HINGED DOOR:** A 3/4" thick door shall be supplied on the cabinet. The door shall be flush fitted to the opening and have uniform gap spacing around the perimeter of the door. The door shall be finished on both sides with the same colored laminate as the cabinet face.

**DOOR EDGE FINISH:** The edges of the aforementioned door(s) shall be covered with anodized aluminum, U-shaped trim. The trim shall be miter cut and wrapped around the perimeter of the door (On ALL four sides), including the hinged side. The trim shall be bonded to the door edge and clamped. No screws or other mechanical fastener shall be used to fasten the trim work to the door(s). The corners of the doors shall be broken (rounded) after application. Vinyl "Iron on" or mica edge banding is not acceptable.

**HINGE ORIENTATION:** The aforementioned door shall be hinged along the bottom edge of the door.

**LOCKING LATCH:** A positive latch shall be supplied and installed on the aforementioned cabinet door. The latch shall be powder coated Black and be near flush when in the "Closed" position. The latch shall be fitted with a cylinder type lock that prevents door latch activation, when locked. Door latch activation shall be triggered by depressing a flush fitted release button that unlatches a lever.

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The spring loaded lever shall rotate about an axis near the surface of the door panel and extended a rotating pawl behind the latch side door frame. The depth of the pawl shall be adjustable to the latch side door frame. A small "preload" on the latch shall be imposed to prevent the door from rattling.

Does your bid meet exactly as specified YES ☒ NO ☐

**STOWAGE LABEL:** A label shall be applied for any door, drawer, or other stowage area secured by a black lever latch, indicating its ability to restrain 8 pounds of contents within the stowage area. This latch has been tested and is compliant within the requirements of SAE J3058 as required under Federal specification KKK-A-1822F section 3.11.3.

Does your bid meet exactly as specified YES ☒ NO ☐

**RIGHT FRONT CABINET OUTSIDE ACCESS:** The right front cabinet of the module shall have outside access through the right front (M-7) compartment door.

Does your bid meet exactly as specified YES ☒ NO ☐

**RIGHT REAR COMPARTMENT COVER:** All exposed surfaces of this patient area side of the M5 compartment shall be fully laminated with color keyed laminate. The vertical outer corner shall feature a radius anodized aluminum trim. The trim shall originate from the top of the mated squad bench and terminate into the ceiling.

Does your bid meet exactly as specified YES ☒ NO ☐

**UPHOLSTERY PAD:** An upholstered pad covering the entire forward facing wall, over the squad bench shall be provided to protect occupants sitting on the squad bench. The pad shall include at least 1/2" thick foam padding covered in the same heavy duty vinyl covering specified for the squad bench cushions and the remaining upholstery package.

Does your bid meet exactly as specified YES ☒ NO ☐

**SQUAD BENCH:** A squad bench shall be installed on the curbside of the patient compartment. The number of seating locations shall be installed as described in the options following this general heading specification. All seat belts and anchorage shall comply with FMVSS. 209 and 210. The Squad Bench shall comply with current KKK-A-1822. A back and head rest shall be supplied for all seated personnel along the squad bench.

Does your bid meet exactly as specified YES ☒ NO ☐

**SHARPS CONTAINER:** A puncture proof, disposable sharps container located at the head of the squad bench with a 1 Gallon capacity shall be supplied for safe disposal of used/contaminated syringes. The unit shall include a spring loaded clip in the mounting to allow for secure mounting in the case of an accident.



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Does your bid meet exactly as specified YES ☒ NO ☐

LOCATION: The sharps container is to be at the foot of the squad bench, the trash container in the action area.

Does your bid meet exactly as specified YES ☒ NO ☐

BIO-WASTE RECEPTACLE: A biological waste receptacle shall be supplied and installed in the squad bench. The receptacle shall accommodate a sharps container and a solid waste container per the following paragraphs. Both the sharps and the solid waste containers shall be enclosed and secured in a molded enclosure, free of crevices. The molded enclosure shall be covered with a red Lexan hinged door, inset a molded in perimeter rim. The door pull shall be full length. A white colored "Bio-waste" symbol and legend shall be applied to the door.

Does your bid meet exactly as specified YES ☒ NO ☐

WASTE CONTAINER: One six quart (346 cubic inch), rimmed plastic waste container shall be supplied and fitted into the "Bio-waste" enclosure.

Does your bid meet exactly as specified YES ☒ NO ☐

UNDER LID STOWAGE: The squad bench shall provide storage under the access lids. This multipurpose storage area shall be finished in high impact, white colored laminate. Must meet current Federal specification current KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

SQUAD BENCH LIDS: Two (Split) squad bench lids shall be supplied over the squad bench storage area.

Does your bid meet exactly as specified YES ☒ NO ☐

HINGE, SQUAD BENCH LID(S): All squad bench lids shall be installed with butt style, hinges. The hinges shall be through bolted for longevity of the vehicle. There shall be a minimum of two hinges per lid.

Does your bid meet exactly as specified YES ☒ NO ☐

LID CHECKS: Each squad bench lid shall have a bi-directional gas spring lid check (Hold open). The force value selected and ball stud locations shall provide lift assistance after twenty degrees of bench lid lift angle. The ball stud mounts shall be at least 10 millimeter.

Does your bid meet exactly as specified YES ☒ NO ☐

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LID LATCH: One latch to hold each lid down shall be supplied. The lid latch shall be stamped stainless steel construction and latches automatically by simply closing the bench lid. There shall be a slot milled into the underside of the bench lid to accept an manufactured keeper that will prevent the lid from pulling away from the latch. The paddle latch will be through bolted to the keeper with the retaining nuts on the backside of the keeper as a complete assembly. This assembly has been tested to SAE J3058 standards and passed with the ability to contain 80 pounds in the entire area of the squad bench. A label shall be affixed to the squad bench area.

Does your bid meet exactly as specified YES ☒ NO ☐

STOWAGE LABEL: A label shall be applied near the squad bench exterior indicating the lids to the squad bench are restrained with a compliant latch. The latch assembly of the squad bench were tested to SAE J3058 standards to 80 pounds and found passing. The operator should not exceed the 80 pound weight rating for the entire squad bench storage area . This item is compliant to section 3.11.3 of KKK-A-128F dated July 1, 2017.

Does your bid meet exactly as specified YES ☒ NO ☐

EDGE TRIM: The edge of the squad bench lid shall be finished with aluminum anodized "J" trim. The trim is to be supplied with countersunk holes to allow for screws to be installed flush so the screw head does not catch anything.

Does your bid meet exactly as specified YES ☒ NO ☐

RESTRAINT NET: A detachable net shall be installed at the head of the squad bench. In the event of sudden stop or frontal accident, the design intent of the net is to minimize injuries to unbelted personnel seated on the squad bench. The net is a safety barrier between the occupant/personnel and the bulkhead cabinetry. The net shall be a grid of 2" wide safety web, spaced on maximum centers of 8 inches.

The net shall be secured at six points. All points must be secured to 0.250 inch thick Aluminum tapping plates or body structure with wall thickness of 0.250 inch or through bolted to cabinet interface reinforcement brackets that are bolted to 0.250 thick welded body structure. The net shall be tightly stretched and attached to the following surfaces:

One point on the ambulance floor on the aisle side of the squad bench

One point at the top of the squad bench near the curb side wall

Two points at the curb side wall, near the side entry door

Three points in the ceiling.

All Restraint Net attachment devices shall be aviation quality and pull strength tested. Tested to 2,000 pound force applied in shear (Horizontally). Detachment of the net shall be done without the need for a removal or installation tool(s). Each device shall feature a cadmium plated steel attachment ring that is forged in one continuous ring, without a split or seam. Each device shall be sewn onto the net webbing with a 1 3/4 inch square shaped thread path and diagonal X-shaped thread path to assure web to ring security.



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Does your bid meet exactly as specified YES ☒ NO ☐

CABINET "A": An upper, interior cabinet shall be provided directly over the rearward section of the Base wall cabinet. This cabinet shall accommodate a power air exhaust blower with a removable service panel. This multipurpose cabinet interior shall be finished in high impact, white colored laminate. Must meet current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

ADJUSTABLE SHELF: A shelf shall be supplied in the cabinet. The shelf shall be finished in white colored laminate. Upper, lower and aisle side surfaces of the shelf shall be laminated. The shelf shall be secured to four shelf clips with Phillips head wood screws, from the bottom of the shelf. An anodized aluminum angle shall be securely fastened to the front edge of the shelf. The vertical leg of the angle shall provide a lip along the front edge.

Does your bid meet exactly as specified YES ☒ NO ☐

SINGLE FLIP UP POLYCARBONATE DOOR: A Single 3/8" (0.375 in) thick, overlay flip up door shall be supplied on the cabinet.

Does your bid meet exactly as specified YES ☒ NO ☐

LOCKING LATCH: A round pull style chrome positive latch shall be supplied and installed on the cabinet door. There shall be a key included for locking purposes.

Does your bid meet exactly as specified YES ☒ NO ☐

STOWAGE LABEL: A label shall be applied for any door, drawer, or other stowage area secured by a Round Southco latch, indicating its ability to restrain 10 pounds of contents within the stowage area. This latch has been tested and is compliant within the requirements of SAE J3058 as required under Federal specification KKK-A-1822F section 3.11.3.

Does your bid meet exactly as specified YES ☒ NO ☐

CABINET "B": An upper, interior cabinet shall be provided directly over the "Action Area". This multipurpose cabinet interior shall be finished in high impact, white colored laminate. The cabinet shall be ergonomically angled toward the CPR seat. Must meet current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

SLIDING SECURE LATCH WINDOW: There shall be a sliding SECURE LATCH window installed at the location indicated. This window features several advanced safety features allowing it to meet the new SAE J3058 safety standard. This slider window features a full length spring loaded low-profile

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bar latch at both ends of the slider window that lock into an aluminum extrusion when the window is closed. The center of the window has aluminum inter-locking stiffeners of panel to distribute outward impact loads across both panels. The window shall be able to be opened with one motion and with one hand. To close the user can push the window and slam -latch to closing. This window has been tested to SAEJ3058 testing methods in a third party testing facility and found to contain 40 pounds of contents. Windows that do not meet the SAEJ3058 safety requirements are not acceptable to this agency.

Does your bid meet exactly as specified YES ☒ NO ☐

**STOWAGE LABEL:** A label shall be applied for any Secure Latch Sliding Window system indicating its ability to restrain 40 pounds of contents within the stowage area. This secure latch sliding window system has been tested and is compliant within the requirements of SAE J3058 as required under Federal specification KKK-A-1822F section 3.11.3.

Bidder Complies YES ☒ NO ☐

**HANDLE, LEXAN WINDOW DOORS:** A full height anodized aluminum, extruded drive on handle shall be supplied at the leading edge of the facing door on each 3/16" door. This handle is in addition to the handle on the trailing edge that interacts with the window frame. The handle shall wrap around the leading edge of each door and mount with one way angular, blind mounting teeth designed to be driven on. This additional handle is supplied to provide additional rigidity to the sliding window design to increase content retention.

Does your bid meet exactly as specified YES ☒ NO ☐

**SHELF STANDARDS:** The aforementioned cabinet shall be equipped with non-incremental, aluminum, C-shaped shelf standards.

Does your bid meet exactly as specified YES ☒ NO ☐

**ADJUSTABLE SHELF:** A shelf shall be supplied in the cabinet. The shelf shall be finished in white colored laminate. Upper, lower and aisle side surfaces of the shelf shall be laminated. The shelf shall be secured to four shelf clips with Phillips head wood screws, from the bottom of the shelf. An anodized aluminum angle shall be securely fastened to the front edge of the shelf. The vertical leg of the angle shall provide a lip along the front edge.

Does your bid meet exactly as specified YES ☒ NO ☐

**BASE WALL CABINET:** The base wall cabinet is located on the Street side (Left side) of the patient cabin. The overall height of the Base Wall Cabinet shall be approximately 75% of the overall head room. This cabinet shall be built in ONE piece. The laminate along the fascia shall be ONE piece on single color laminate selections. A CPR Side Seat shall be provided on the street side aligned with the primary patient abdomen.

Does your bid meet exactly as specified YES ☒ NO ☐



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**ACTION AREA:** The action area is a work surface located on the forward end of the Base Wall Cabinet and adjacent to the attendant seat. The work surface shall be at least 5.5 square feet. The work area height shall be 24 inches to 29 inches. The work surface shall have a three quarter inch (3/4") high lip.

Does your bid meet exactly as specified YES ☒ NO ☐

**A/A TRAY:** There shall be a countertop action area forward at the wall cabinet. The countertop shall be color keyed high pressure laminate to match the remainder of the high pressure laminate in the patient area.

Does your bid meet exactly as specified YES ☒ NO ☐

**SHARPS AND TRASH:** There shall be a bio waste receptacle at the rear of the action area. It shall consist of an ABS tray within the mica countertop. The ABS tray shall allow for biological waste with separate needle disposal. The sharps and waste shall be molded into an ABS plastic tray. Access the bio-waste container and needle collection jar shall be done from the top of the action area in the patient compartment. The sharps container shall be a 3-Quart Bemis container with a spring located clip to hold it in place in the event of an accident.

Does your bid meet exactly as specified YES ☒ NO ☐

**ACTION AREA BOARD:** There shall be a single board containing the basic electrical and oxygen control systems of the patient area. This board shall be covered in black secure grip material. Proper spacing shall be maintained between electrical and oxygen connections. The board shall be hinged by dual action concealed hinges and secured by quarter turn captive head bolts. The use of hinges and bolts allows for inspection of the connections during routine maintenance procedures.

Does your bid meet exactly as specified YES ☒ NO ☐

**CABINET "D":** An interior cabinet shall be provided directly over the rearward "Telemetry Area just aft of the CPR side seat within the base cabinet on the street side. This multipurpose cabinet interior shall be finished in high impact, white colored mica that is impervious to disinfectants and cleaners. The cabinet shall add at least 2.6 cubic feet of interior stowage accommodations described in Federal specification KKK-A-1822E 3.11.1.

Does your bid meet exactly as specified YES ☒ NO ☐

**ADJUSTABLE SHELVES:** Two shelves shall be supplied in the cabinet, one shelf on each side of the center divider in cabinet. The shelf shall be made of 1/2" thick substrate and finished in white colored laminate. Both sides of the shelves shall be laminated. The shelves shall be secured to four shelf clips with Phillips head wood screws, from the bottom of the shelf. An anodized aluminum angle shall be securely fastened to the front edge of the shelf. The vertical leg of the angle shall provide a lip along the front edge.

Does your bid meet exactly as specified YES ☒ NO ☐



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**SLIDING SECURE LATCH WINDOW:** There shall be a sliding SECURE LATCH window installed at the location indicated. This window features several advanced safety features allowing it to meet the new SAE J3058 safety standard. This slider window features a full length spring loaded low-profile bar latch at both ends of the slider window that lock into an aluminum extrusion when the window is closed. The center of the window has aluminum inter-locking stiffeners of panel to distribute outward impact loads across both panels. The window shall be able to be opened with one motion and with one hand. To close the user can push the window and slam -latch to closing. This window has been tested to SAEJ3058 testing methods in a third party testing facility and found to contain 40 pounds of contents. Windows that do not meet the SAEJ3058 safety requirements are not acceptable to this agency.

Does your bid meet exactly as specified YES ☒ NO ☐

**STOWAGE LABEL:** A label shall be applied for any Secure Latch Sliding Window system indicating its ability to restrain 40 pounds of contents within the stowage area. This secure latch sliding window system has been tested and is compliant within the requirements of SAE J3058 as required under Federal specification KKK-A-1822F section 3.11.3.

Does your bid meet exactly as specified YES ☒ NO ☐

**HANDLE, LEXAN WINDOW DOORS:** A full height anodized aluminum, extruded drive on handle shall be supplied at the leading edge of the facing door on each 3/16" door. This handle is in addition to the handle on the trailing edge that interacts with the window frame. The handle shall wrap around the leading edge of each door and mount with one way angular, blind mounting teeth designed to be driven on. This additional handle is supplied to provide additional rigidity to the sliding window design to increase content retention.

Does your bid meet exactly as specified YES ☒ NO ☐

**CABINET "E":** An interior cabinet shall be provided at the rearward end of the base cabinet on the street side. This multipurpose cabinet interior shall be finished in high impact, white colored mica that is impervious to disinfectants and cleaners. The cabinet shall add at least 1.5 cubic feet of interior stowage accommodations described in Federal specification KKK-A-1822E 3.11.1.

Does your bid meet exactly as specified YES ☒ NO ☐

**ADJUSTABLE SHELF:** A shelf shall be supplied in the cabinet. The shelf shall be finished in white colored laminate. Upper, lower and aisle side surfaces of the shelf shall be laminated. The shelf shall be secured to four shelf clips with Phillips head wood screws, from the bottom of the shelf. An anodized aluminum angle shall be securely fastened to the front edge of the shelf. The vertical leg of the angle shall provide a lip along the front edge.

Does your bid meet exactly as specified YES ☒ NO ☐



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**SLIDING POLYCARBONATE DOORS:** The cabinet shall be equipped with two sliding 3/16" polycarbonate doors within a closed anodized aluminum track/frame. The sliding polycarbonate door track shall be an extruded, anodized aluminum shape designed to accommodate a flocked, felt type track for the doors to slide in and lightly resist movement. The mitered corners shall be spline together and riveted. The extrusion shape shall cover one half of one inch of cabinet fascia around the perimeter of the track frame.

Does your bid meet exactly as specified YES ☒ NO ☐

**HANDLES, LEXAN WINDOW DOORS:** Full height, anodized aluminum, extruded drive on handles shall be supplied on each 3/16" door. The handle shall wrap around the leading edge of each door and mount with one way angular, blind mounting teeth designed to be driven on.

Does your bid meet exactly as specified YES ☒ NO ☐

**CABINET "F":** An interior cabinet shall be provided directly below the rearward "Telemetry" Area just aft of the CPR side seat within the base cabinet on the street side. This multipurpose cabinet interior shall be finished in high impact, white colored mica that is impervious to disinfectants and cleaners. The cabinet shall add at least 2.2 cubic feet of interior stowage accommodations described in Federal specification KKK-A-1822E 3.11.1.

Does your bid meet exactly as specified YES ☒ NO ☐

**ADJUSTABLE SHELF:** A shelf shall be supplied in the cabinet. The shelf shall be finished in white colored laminate. Upper, lower and aisle side surfaces of the shelf shall be laminated. The shelf shall be secured to four shelf clips with Phillips head wood screws, from the bottom of the shelf. An anodized aluminum angle shall be securely fastened to the front edge of the shelf. The vertical leg of the angle shall provide a lip along the front edge.

Does your bid meet exactly as specified YES ☒ NO ☐

**SLIDING SECURE LATCH WINDOW:** There shall be a sliding SECURE LATCH window installed at the location indicated. This window features several advanced safety features allowing it to meet the new SAE J3058 safety standard. This slider window features a full length spring loaded low-profile bar latch at both ends of the slider window that lock into an aluminum extrusion when the window is closed. The center of the window has aluminum inter-locking stiffeners of panel to distribute outward impact loads across both panels. The window shall be able to be opened with one motion and with one hand. To close the user can push the window and slam -latch to closing. This window has been tested to SAEJ3058 testing methods in a third party testing facility and found to contain 40 pounds of contents. Windows that do not meet the SAEJ3058 safety requirements are not acceptable to this agency.

Does your bid meet exactly as specified YES ☒ NO ☐

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**STOWAGE LABEL:** A label shall be applied for any Secure Latch Sliding Window system indicating its ability to restrain 40 pounds of contents within the stowage area. This secure latch sliding window system has been tested and is compliant within the requirements of SAE J3058 as required under Federal specification KKK-A-1822F section 3.11.3.

Does your bid meet exactly as specified YES ☒ NO ☐

**CPR SEAT:** A left side "CPR" side seat shall be provided on the street side and aligned with the primary patient's abdomen. The seat shall be at least twenty four (24") inches wide and normal squad bench seat height. Upholstered seat pads shall be located within the seat area for the seat, back, both arms and hips. The CPR seat area shall have rounded corners.

Does your bid meet exactly as specified YES ☒ NO ☐

**BACK REST:** The CPR side seat shall feature a padded, fixed back rest with chamfered upper corners.

Does your bid meet exactly as specified YES ☒ NO ☐

**TELEMETRY AREA:** A four inch wide upholstery covered and padded arm rest shall be installed. The arm rest shall create a 3/4" to 1" lip on the leading edge of the telemetry area. Telemetry area and shall be incorporated with action area to make one long work area. The CPR seat area shall be toward rear of vehicle.

Does your bid meet exactly as specified YES ☒ NO ☐

**TELEMETRY AREA SURFACE TYPE:** The "Telemetry area" shall be finished with the primary color laminate.

Does your bid meet exactly as specified YES ☒ NO ☐

**CABINET O1:** This cabinet shall be located in the forward action area for storage of medical tubing, air ways, ventilation face masks, and/or miscellaneous items. Must meet current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

**O1 CABINET SINGLE HINGED POLYCARBONATE DOOR:** A 3/8" (0.375 in) thick, overlay hinged door shall be supplied on the aforementioned cabinet. The edges of the door shall be router semi-round and burned smooth.

Does your bid meet exactly as specified YES ☒ NO ☐

**RESTRAINT SYSTEM(S):** There shall be installed a Per4Max restraint system harness at each seating location declared. This seating harness system shall incorporate a four point harness of two shoulder belts with retractors and two stationary lap belts that intersect to a single high function ergonomic latch. The harness shoulder belts shall incorporate innovative technology through patent pending controlled deceleration technology which softens the impact of a crash on the EMSP user.



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The seat belt harness also incorporates an indicator that alerts the operator when it requires replacement. The color of the seat belt system shall be black. This seat belt system shall meet current FMVSS safety standards.

Does your bid meet exactly as specified YES ☒ NO ☐

**RESTRAINT SYSTEM(S):** The rear seating locations shall consist of the Per4Max 4-Point restraint system. The Per4Max Advanced Restraint System is a "Vehicle mounted" 4-Point restraint system dispersing loads to 4 points of reinforced structure within the vehicle as opposed to concentrating loads on the seat frame. It promotes a seated position with a wide range of mobility. The seated position in conjunction with the seat system, has been proven to be safer than isolated standing positions in a moving vehicle. As well it is easy to use encouraging greater use in the field than more cumbersome systems involving additional latches, levers, and cables. The seatbelt harness shall incorporate an indicator of contrasting color when the seatbelt has been involved in a high impact condition to indicate need for replacement. These seatbelts are FMVSS applicable tested and approved to AEV configurations.

There shall be two Per4Max restraints on the Squad Bench and one Per4Max restraints on the CPR Side Seat.

Does your bid meet exactly as specified YES ☒ NO ☐

**SECONDARY PATIENT RESTRAINT SYSTEM:** There shall be a location for a secondary patient on top of the squad bench located on the curbside interior of the patient area of the ambulance. To secure the patient there shall be three inertia style retractable straps that match up to three 9" sleeved buckles on the face of the squad bench and 5" sleeved retractors by the squad bench lid hinge. The straps and buckles shall be mounted to comply with the pull test requirements in the present revision of KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

**FLOOR AND SUBSTRATE:** The floor of the module shall be (3/4) thick 7-Ply, Formaldehyde free, exterior grade, A-C plywood. The glue line between the layers shall be phenolic based. The glue shall be of similar chemical make up to the phenolic glue used in Marine grade plywood, as designated by the A.P.A. (American Plywood Association).

Does your bid meet exactly as specified YES ☒ NO ☐

**FLOOR COVERING:** The floor substrate shall be free of dents, voids and moisture prior to application of the floor covering. The plywood substrate shall be 3/4" (19mm) 7-ply exterior grade plywood. The substrate sheet shall be cut from a 60 inch wide by 144 inch long oversized sheet. No substrate seams are allowed in high foot traffic areas. This means NO SEAMS are permitted within 132" of the rear access doors or near the side access door.

On longer bodies, the only ONE seam is permitted as long as the full length of the seam is located directly over the center of a 0.250 x 2 x 3 box tube floor member AND the seam does not fall in the aforementioned "High Traffic" areas.



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The floor covering shall be one piece throughout the patient cabin regardless of the body length. The flooring material shall be commercial grade sheet vinyl floor with diamond plate like impression on the surface. The floor covering shall be Lonseal Lonplate II No 421 "Mica" (Light Gray).

Does your bid meet exactly as specified YES ☒ NO ☐

**FLOORING MAIN EDGE:** The one-piece patient cabin floor covering material shall run the full width of the aisle space plus roll up (3") three inches along the Base wall cabinet, squad bench and the right rear cabinet (when applicable). Both roll-up areas shall be recessed approximately 1/2" into the face of the cabinets.

Does your bid meet exactly as specified YES ☒ NO ☐

**REAR THRESHOLD:** The rear threshold shall be made of 16 gauge brushed stainless steel sheet. The threshold shall conceal the end of the vapor sheet, sub floor, and flooring. The threshold shall mate to the top of the rear access door jamb and cover at least nine inches of flooring. Installed over the stainless steel threshold shall be Two 2.5" wide "nonskid" tape strips applied. The color of the tape shall be safety yellow with black diagonal stripes.

Does your bid meet exactly as specified YES ☒ NO ☐

**CURBSIDE THRESHOLD:** The Curbside threshold shall be made of .100 polished aluminum diamond plate.

Does your bid meet exactly as specified YES ☒ NO ☐

## COT MOUNT HARDWARE

**PRIMARY COT MOUNT:** Shall be Stryker model No 6390 Power Load System. Bidder to install customer supplied Power Load System.

Does your bid meet exactly as specified YES ☒ NO ☐

**COT FASTENER MOUNTING METHOD:** All mounting bolts shall be 3/8" diameter, socket head cap screws with at least 16 threads per inch. All mounting blocks shall be supplied and manufactured by the cot mount manufacturer. The mounting blocks may protrude above the flooring surface by up to 3/16", as long as all of the edges are chamfered. The aforementioned cap screws shall not protrude above the upper surface of the mounting block.

All cap screws shall be through bolted through 1/2 (.500) inch thick, 6061-T-6 Aluminum plate structure. One and one half (1-1/2) inch x six (6) inch thick plates shall either be MIG welded or Chuck structurally fastened to the floor grid for both cot mount and attendant seat fastening locations. All fastening hardware shall be either through bolted or tapped depending on under floor clearances due to chassis installed components. Mounting bolts shall not point toward fuel filler or fuel vent



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hoses, in accordance with good engineering practices set forth by the Society of Automotive Engineers and Ford's Qualified Vehicle Modifiers' program.

Bidders shall meet or exceed mechanical strength described in the aforementioned minimum fastening method. Material thickness and/or through bolt criteria is mandatory even if the vendor has current certification to AMD Standard 004 utilizing lesser materials.

Does your bid meet exactly as specified YES ☒ NO ☐

**ADDITIONAL STRYKER MOUNTING PLATE:** There shall be an additional Stryker mounting plate model 6360-30-11 installed in the module floor and secured to the flooring and support structures to current J3027 safety standards by the manufacturer.

Does your bid meet exactly as specified YES ☒ NO ☐

**STRYKER POWER LOAD:** The Stryker power load system shall be furnished by Lafourche Ambulance District 1 and be installed in a designated area as discussed at the pre-construction conference and notated in the shop notes of the production order.

The Stryker Mass Casualty kit will be included and is to be installed by manufacturer.

Does your bid meet exactly as specified YES ☒ NO ☐

**COT POSITION No 1:** This cot position shall be set up for a primary wheeled cot set centered laterally (side to side) in the aisle. The longitudinal location shall be set 30 inches measured from the backrest of the attendant's seat (set all the way toward the front of the patient cabin) to the head of the primary cot frame, per current KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

**PRIMARY COT POSITION REINFORCEMENT:** There shall be a singular piece of aluminum reinforcement installed running the length of the primary cot position in the modular ambulance. It shall be secured to the modular tubes by welding or Huck fasteners.

Does your bid meet exactly as specified YES ☒ NO ☐

**PRIMARY COT:** The aforementioned cot fastener shall be set up to use a Stryker Model No. Power-Pro Cot

Does your bid meet exactly as specified YES ☒ NO ☐

## OXYGEN, AIR and VACUUM SYSTEMS

**OXYGEN HOSES:** All oxygen system service hoses, fittings and devices shall be made of nonferrous materials. Hoses used to pipe Medical Oxygen shall be electrically non-conductive, 1/4 inside

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diameter with an abrasion resistant, green colored outer jacket. The hose manufacturers name, part number, inside dimension and working pressure rating shall be permanently marked along the entire length of the hose. All hoses shall have a working pressure rating of at least 250 pounds per square inch and withstand a system test pressure of 150 PSI / 1033 kpa test prescribed in current Federal specification KKK-A-1822. Each ambulance shall be tested.

Does your bid meet exactly as specified YES ☒ NO ☐

**OXYGEN OUTLETS - GENERAL:** Each outlet shall be comprised of an "Inlet Box" and a "Latch Plate" as defined herein. The "inlet box" shall be a universal inlet service box with a 165 mm type "K" (3/8") OD Copper inlet pipe stub which is silver brazed to a brass, one piece, (1 5/16") inlet body. The "inlet box" shall be designed specifically for positive pressure gas service and feature a primary and secondary check valve. Each check valve shall be rated at 1,379 kPa (200psi).

The "Latch Plate" shall insert into the universal "Inlet Box". The "Latch Plate" is comprised of the outer cover plate and latching mechanism that will define the adapter type/Brand that will ultimately connect the patient to the oxygen system. The outlet cover shall be color coded GREEN in addition to having a clear permanent legend that identifies the gas type. Dual gas specific safety pins shall be integrated in the face of the outlet "Latch Plate" for safety.

Outlet adapter types shall be easily changed by simply removing the "Latch plate" specifically designed for brand "A" to brand "B" without any further plumbing changes.

As with all medical gas outlets specified herein, all outlets shall be hydrostatically tested and cleaned for oxygen service. All medical gas outlets specified herein shall be UL (Underwriters Laboratory) listed and CSA approved. All outlets will be subject to a line pressure of 50 PSI And shall be leak tested at 150 PSI Per Federal specification KKK-A-1822. Pressure drop across the outlet shall be less than 2.0 PSI At normal working pressure.

Does your bid meet exactly as specified YES ☒ NO ☐

**OXYGEN OUTLET No 1:** This outlet latch shall be designed to accept (Ohio) style, quarter turn / quick release adapters. This Oxygen outlet shall be provided where specified below.

**LOCATION:** The Oxygen outlet shall be located in the primary action area switch and outlet console.

Does your bid meet exactly as specified YES ☒ NO ☐

**OXYGEN OUTLET No 2:** This outlet latch shall be designed to accept (Ohio) style, quarter turn / quick release adapters. This Oxygen outlet shall be provided where specified below.

**LOCATION:** The Oxygen outlet shall be located in the primary action area switch and outlet console.



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Does your bid meet exactly as specified YES ☒ NO ☐

OXYGEN OUTLET No 3: This outlet latch shall be designed to accept (Ohio) style, quarter turn / quick release adapters. This Oxygen outlet shall be provided where specified below.

LOCATION: The Oxygen outlet shall be located in curb side wall, over the squad bench and near the curbside entry door.

Does your bid meet exactly as specified YES ☒ NO ☐

PORTABLE CYLINDER BRACKET No 1: A Zico QR-E-3 or with the following minimum features and quality level shall be installed in the location specified below. This universal, portable cylinder rack shall be supplied and installed to accommodate one cylinder. The bottle rack shall accommodate either standard E-size cylinders made of steel OR aluminum. The entire rack shall be constructed of heavy gauge stainless steel alloy. The rack design shall include a stainless steel cylinder neck restraint that does not interfere with oxygen regulator controls. A quick release at the top alleviates the need for a strap to secure the bottle in place. The bracket features a spring and roller assembly that pushes the bottle into the neck restraint to reduce rattles and ensure the bottle is securely clamped. The rack shall be through bolted to reinforced, structural members or brackets that tie in directly to the body of the ambulance. This cylinder bracket has been tested and found compliant to SAE J3043 testing by the vendor.

Does your bid meet exactly as specified YES ☒ NO ☐

PORTABLE CYLINDER BRACKET No 2: A Zico QR-E-3 or with the following minimum features and quality level shall be installed in the location specified below. This universal, portable cylinder rack shall be supplied and installed to accommodate one cylinder. The bottle rack shall accommodate either standard E-size cylinders made of steel OR aluminum. The entire rack shall be constructed of heavy gauge stainless steel alloy. The rack design shall include a stainless steel cylinder neck restraint that does not interfere with oxygen regulator controls. A quick release at the top alleviates the need for a strap to secure the bottle in place. The bracket features a spring and roller assembly that pushes the bottle into the neck restraint to reduce rattles and ensure the bottle is securely clamped. The rack shall be through bolted to reinforced, structural members or brackets that tie in directly to the body of the ambulance. This cylinder bracket has been tested and found compliant to SAE J3043 testing by the vendor. Both brackets shall be mounted behind attendant seat and fastened to the ac cabinet.

Does your bid meet exactly as specified YES ☒ NO ☐

CYLINDER RACK/LIFT: The high pressure cylinder, for the gas specified below, shall be restrained in an exterior compartment. The cylinder restraint system shall meet or exceed the National Truck Equipment Association (NTEA) Ambulance Manufacturers Division testing as described in standard 003. The cylinder rack shall accommodate a "M" sized (3,000 liter) cylinder AND shall raise or lower the cylinder into place with an electric actuator that is rated no less than one thousand pounds. The lift capacity rating of the QR-OTS-SP-L/R lift shall be at least two hundred and five (205) pounds.



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Current draw of the device shall not exceed 14 amperes. The compartment shall be sized to accommodate the operational/dimensional constraints set forth by the cylinder lift manufacturer. The cylinder valve must remain in view AND accessible from the inside of the patient cabin per federal specification KKK-A-1822E 3.12.1. This Zico QR-OTS-XX retainer system was tested by Ziamatic to meet and exceed the static testing requirements of SAE J3053 Recommended practice to improve crashworthiness of emergency vehicles as of August 8, 2017.

Does your bid meet exactly as specified YES ☒ NO ☐

ACTIVATION: The Zico Pendent controller unit with coil cord shall be provided and bracket mounted on the inside door panel in the same compartment as the Oxygen Lift.

Does your bid meet exactly as specified YES ☒ NO ☐

HOSE RETRACTOR: There shall be a Hubbell Tool Balancer included in the compartment at the ceiling to move with the power lift system to keep the Oxygen Hose away from the moving parts of the lift.

Does your bid meet exactly as specified YES ☒ NO ☐

CYLINDER TYPE: This rack shall be for a MEDICAL OXYGEN cylinder. The oxygen system input hose shall be suspended over this rack. This input hose shall feature a nonferrous 9/16-18 RH bottle nut and regulator barb. This connection shall comply with the diameter index safety system (DISS) set forth by the Compressed Gas Association (CGA) for safety.

Does your bid meet exactly as specified YES ☒ NO ☐

CYLINDER RACK LOCATION: The main oxygen cylinder shall be stored in the left front compartment. The cylinder rack shall be through bolted in the corner of the compartment, against the back AND right wall. The cylinder neck shall be visible and accessible through the viewing window.

Does your bid meet exactly as specified YES ☒ NO ☐

OXYGEN REGULATOR: A fixed output medical regulator shall be supplied with the apparatus and installed at the time of the oxygen system pressure test. With the regulator set at 50 +/- 5PSI, a 100 LPM minimum flow rate shall be available at all oxygen outlets. The regulating valve with inlet filter shall have a line relief valve set at 200 PSI maximum. A manual guage shall be afixed to the regulator with scale graduated in not more than 100 PSI increments. The output of the regulator may vary as the tank pressure lowers or flow rate is changed. The regulator shall have a CGA 540 thread for the bottle and a 9/16- 18 tpi threaded male connector for the input hose to the system. This regulator shall perform as required at an inlet pressure range from 150 PSI to 2600 PSI tank pressure.

Does your bid meet exactly as specified YES ☒ NO ☐



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**REGULATOR WRENCH:** There shall be a cast aluminum main oxygen cylinder wrench installed in the compartment with the main oxygen cylinder rack. The wrench shall include a cable lanyard that secures the wrench to the compartment wall allowing enough length of cable to loosen and tighten the regulator fitting on the customer installed main oxygen cylinder. The wrench shall be stored in place with either a hat channel bracket or Velcro to keep it secured while the vehicle is in motion.

Does your bid meet exactly as specified YES ☒ NO ☐

**VACUUM (SUCTION) PANEL:** A variable vacuum regulator and gauge panel shall be installed in the action area control panel. The vacuum regulator shall vary vacuum delivered to a 1200 cubic-centimeter collection jar specified below. The Vacuum gauge shall not be mounted on the collection jar itself.

Does your bid meet exactly as specified YES ☒ NO ☐

**COLLECTION JAR:** The suction system shall be equipped with a shatter proof, graduated, 1200cc, transparent collection container. The container shall be regulated through the Sscor panel and installed per manufacturers recommendations. The collection jar shall be retained by a SSCOR retention clip. The retention bracket when installed per directions is SAE J3043 retention testing compliant.

Does your bid meet exactly as specified YES ☒ NO ☐

**COLLECTION JAR PLUMBING:** The collection jar shall be connected directly to the regulator panel in the action area console.

Does your bid meet exactly as specified YES ☒ NO ☐

**SUCTION PUMP:** The suction pump shall be installed in the left middle compartment, adjacent to the action area panel. The exhaust tube shall be routed to the outside of the vehicle. The pump shall be mounted on rubber vibration isolators to minimize any vibration noise emitted into the patient cabin. The pump shall provide a free air flow of at least 20 liters per minute and achieve a minimum of (11.81 in) Hg vacuum within four seconds after the suction tube is closed. This 49-state pump shall meet or exceed current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

**SUCTION PUMP LOCATION:** The suction pump shall be installed in the left front middle compartment. The pump shall be mounted to the ceiling of this compartment on rubber vibration isolators.

Does your bid meet exactly as specified YES ☒ NO ☐

**FIRE EXTINGUISHER:** One (5) five pound A-B-C type fire extinguisher shall be installed in customer specified location.

Does your bid meet exactly as specified YES ☒ NO ☐

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**EXTERIOR ENTRY AND COMPARTMENT DOOR HANDLES:** Large chrome plated, die cast paddle handles shall be provided to open all module doors. Blind fasteners shall be used to fasten the handles to the door from the backside. Blind Stabilizer pins shall be incorporated on the backside of the handle for alignment purposes. Every paddle handle shall have an isolation gasket between the paddle body and the door skin. All door skin surfaces shall be painted prior to installation of the handle hardware. All paddles, on single hung and leading double doors shall be locking type and keyed the same (unless specified otherwise). Trailing doors shall have non-locking paddle handles, mounted on the outside of the door. The Handle shall have a bright chrome like finish mounted into the bright chrome dish. When the door is in the locked position, the handle shall extend when pulled like an automotive handle (free floating) to show the operator that the door is locked and needs to be unlocked to be opened. Systems that utilize a handle that does not free float shall not be accepted as it could bind up the inner hardware and shorten the life of the door operation and timing.

**INTERIOR ENTRY AND COMPARTMENT DOOR HANDLES:** The interior handle shall be lever type. A Lock/Unlock lever shall be installed below the inside lever handle and be clearly marked Lock/Unlock. The inner chrome plated handle shall have a black powder coated cast aluminum bezel for strength.

Does your bid meet exactly as specified YES ☒ NO ☐

**EMERGENCY INTERIOR LATCH RELEASE:** There shall be a red tipped lever to activate a rotary latch at both the top and bottom interior of each patient access door. These shall be used should the door rods become unattached from either the handle or latch assembly. The mechanisms shall be at the point of latching to the nader pin. An inserted Bezel shall be installed into the door panel around the release lever to provide an aesthetic trim to the opening.

Does your bid meet exactly as specified YES ☒ NO ☐

**ASSIST RAIL:** This rail shall be naturally accessible to assist persons entering the rear of the module in maintaining their balance. The rail shall be 1 ¼ diameter, 100% stainless steel with gray anti-microbial coating and 18" long. All rail fittings shall be TIG welded to the main rail. The rail shall be located prior to order confirmation. Grab rails that utilize separate, setscrew rail fittings are not reliable and not acceptable.

Does your bid meet exactly as specified YES ☒ NO ☐

## ENTRY DOOR PANELS / WINDOWS / HARDWARE

**INTERIOR GRAB HANDLE COLOR:** The interior grab handles listed below will be powder coated with anti-microbial, gray in color.

Does your bid meet exactly as specified YES ☒ NO ☐



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**CURB SIDE ENTRY DOOR GRAB HANDLE:** The curbside entry door shall be equipped with a two point, 1 ¼ diameter stainless steel with gray anti-microbial coating, handicap style grab handle to aid in door closure and entry assistance. The handle shall measure at least eighteen inches long. The handle shall run horizontally, directly above the inside door latch. The door handles shall be fastened directly to the horizontal door structure that is welded to the door assembly.

Does your bid meet exactly as specified YES ☒ NO ☐

**REAR ACCESS DOOR GRAB HANDLES:** Each rear access door shall be equipped with a two point, 1 ¼ diameter stainless steel with gray anti-microbial coating, handicap style grab handle to aid in door closure and entry assistance. The handle shall measure at least twelve inches long.

The handle shall run horizontally, directly above the inside door latch. The door handles shall be fastened directly to the horizontal door structure that is welded to the door assembly.

Does your bid meet exactly as specified YES ☒ NO ☐

**C/S ENTRY HANDLE:** There is to be a curved stainless steel Grab rail located at the head end of the squad bench wall. It shall be mounted to a tapping plate in the modular body to give it the required strength. The grab handle shall have a curve to allow the grab part to impede in to the curbside door opening to allow easy access. The grab rail shall be at least 15 inches in length. The handle shall have Antimicrobial coating and be silver in color.

Does your bid meet exactly as specified YES ☒ NO ☐

**DOOR PANELS:** The inside UPPER door panels shall be made of .080 aluminum diamond plate. The edges of the diamond plate shall be recessed into the door frame extrusion. The center panel shall be upholstery over a smooth aluminum substrate.

Does your bid meet exactly as specified YES ☒ NO ☐

**CURBSIDE LOWER DOOR PANEL:** The inside door panel shall be made of .080 aluminum diamond plate. The edges of the diamond plate shall be recessed into the door frame extrusion. The panels shall be fastened to the door frame with stainless steel, #10-32 UNF machine screws threaded into aircraft quality blind fasteners. Each screw shall have an neoprene lock washer.

Does your bid meet exactly as specified YES ☒ NO ☐

**CUSTOM LOGO:** The Lafourche Ambulance District 1 custom logo shall be engraved into a panel that is embedded into the middle of the entry door panel. The logo shall be to scale and back lighted with the head light switch.

Does your bid meet exactly as specified YES ☒ NO ☐

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**REAR ENTRY DOOR WINDOWS:** The rear entry doors shall have an automotive style window. The window will be recessed in a factory stamped opening. The windows will be near flush. They will be in a fixed position. Each window will have a nominal area of 320 square inches.

Does your bid meet exactly as specified YES ☒ NO ☐

**SIDE ENTRY DOOR WINDOW:** The curb side (Right) entry door shall be equipped with an automotive style window. The window will be recessed in a factory stamped opening. The window will be near flush. Window will be fixed position. All glass shall be tinted safety glass.

Does your bid meet exactly as specified YES ☒ NO ☐

**WALK THROUGH DOOR:** The walk through door specified here in shall comply with current Federal specification KKK-A-1822. The door will slide on parallel extruded aluminum tracks, behind the passenger's seat in the cab. The door shall be fastened to a glide plate featuring nylon wheels specifically designed for the track. An upper and lower track is required. The door substrate shall be (3/4") laminated with color matching laminate. The door shall be fitted with a sliding polycarbonate window assembly with a minimum see through area of 150 square inches. An adjustable tension, brass bodied CATCH will hold the door OPEN and a slam action LATCH to hold the door closed. The latch shall be installed on the cab side of the door.

Does your bid meet exactly as specified YES ☒ NO ☐

**PLASTIC VENTILATED COMPARTMENT TILE:** A plastic color keyed, ventilated tile shall be installed on all compartment floors and shelves. The tile is to be designed to keep equipment off the floor or shelf to promote drying of wet equipment.

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT TILE EDGING:** The same material shall mate to the outer edge of the compartment tile and shall taper to the front edge for a smooth transition.

Does your bid meet exactly as specified YES ☒ NO ☐

**MONITOR BRACKET:** A Technimount Pro Serie 35 crashworthy bracket shall be provided. The bracket shall fit a Lifepak 15 Monitor. The bracket system shall be mounted on customer supplied Stryker Power Cot with IV adapter and Knee Gatch by vendor. All base, bracket, IV Pro Adapter, Safety arm parts shall be included and installed.

Does your bid meet exactly as specified YES ☐ NO ☐

**MONITOR BRACKET Mounting:** The above mentioned bracket shall also be attached to the interior cabinetry in the extended action area of the patient compartment. It shall be attached in such a



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manner as to prevent detachment in the event of an accident and shall include all adapters and spacers needed for proper movement and placement.

Does your bid meet exactly as specified YES ☒ NO ☐

**ACTION AREA LIGHTING:** A 12-volt LED light shall be provided directly over the forward, street side work surface. A 12-inch swivel fixture shall be provided. The light shall have an on/off rocker switch on the body of the light housing.

**LOCATION:** The light shall be mounted above the action area.

Does your bid meet exactly as specified YES ☒ NO ☐

**TELEMETRY AREA LIGHTING:** A 12 volt LED light shall be provided directly over the forward, street side work surface. A 12 inch swivel fixture shall be provided. The light shall have an on/off rocker switch on the body of the light housing.

**LOCATION:** The light shall be mounted to the action area.

Does your bid meet exactly as specified YES ☒ NO ☐

**UPHOLSTERY MATERIALS:** All padding and upholstered seating shall be covered in 36 ounce vacuum form ready vinyl. Sewn seams in the seat covers and cushions shall be minimized. Upon request, the manufacturer shall be capable of supplying vacuum formed, seamless vinyl covered upholstery. The color shall be color keyed to the laminate color selections made.

**SEAT / BACKREST CORE MATERIAL:** The vinyl covered foam shall meet current Federal Specification KKK-A-1822. Seat cushions shall be ergonomically contoured. All core material shall be open cell, high resilience foam.

Does your bid meet exactly as specified YES ☒ NO ☐

**UPHOLSTERY COLOR:** All padding and upholstered seating shall be covered in 36 ounce vacuum form ready vinyl per the aforementioned specification. The color of the vinyl shall be Blue. A sample of the actual color shall be available for approval.

Does your bid meet exactly as specified YES ☒ NO ☐

**TROUGH COVER:** All upholstered pad that is built to cover the trough running down the center line of the vehicle separating the curbside and street side of the patient compartment shall be manufactured of 1/4" luan non voided plywood with padding and covered with 36 ounce vinyl. The color of the vinyl shall be the same as the remainder of the upholstery in the patient area. The cover shall be fastened to the headliner using stainless steel screws with washers that will accept button covers that are color matched to the trough cover.

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Does your bid meet exactly as specified YES ☒ NO ☐

UPHOLSTERY JOINERY TYPE: All padding and upholstered seating shall feature upholstery covered foam that eliminates sewn, visible seams. All cushion corners shall be vinyl wrapped. NO sewn seams are permitted, even at the corners. Seat cushion vinyl shall be pre-formed to the cushion shape to eliminate ALL visible seams. Seat cushions with welting/piping and sewn corner seams are not acceptable since blood and other liquid form biological discharge can penetrate the seam holes and reside in the foam. All vinyl surfaces shall be pulled tight against the foam, utilizing a hardwood plywood backing board. Loose fitting vinyl coverings are not acceptable.

Does your bid meet exactly as specified YES ☒ NO ☐

FULL CUSHIONS: The post and wheel cups normally placed on the squad bench for secondary stretchers shall be DELETED in favor of full seat cushions without cutouts. The seat cushions shall be the same size as the squad bench lid and WITHOUT cutouts. The user chooses to use a backboard in lieu of a stretcher for a secondary patient.

Does your bid meet exactly as specified YES ☒ NO ☐

HEAD PROTECTION - CURB SIDE ACCESS DOOR: A seamless pad specifically designed to protect the head during egress is required. The pad shall consist of a two inch thick foam sheet over a hardwood plywood backing board and covered in seamless vinyl upholstery.

Does your bid meet exactly as specified YES ☒ NO ☐

HEAD PROTECTION - REAR ACCESS DOORS: A seamless pad specifically designed to protect the head during egress is required and shall comply with current Federal Specification KKK-A-1822. The pad shall consist of a two inch thick foam sheet over a hardwood plywood backing board and covered in seamless vinyl upholstery.

Does your bid meet exactly as specified YES ☒ NO ☐

CLOCK: An Emergency Time manager is defined as a 24-hour clock and timer designed to assist Emergency medical personnel with time management. The time Manager shall provide four functions:

Time of day in hours and minutes

LED sweep second hand shall sweep around the hour and minute display

Elapsed time in hours and minutes

4-alarm timers in 1, 2, 5, and 10 minute increments

The clock size shall be approximately 4 3/4" high by 6 3/4" long with a second hand sweep of 3 1/2" diameter. The main digital display shall have 1/2" high characters. The four digit display shall operate in three modes "time of day" "Elapsed time" and "timer" mode. In "time of day" and Elapsed



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time" mode, the display will show hour and minutes. In "Timer" mode, an audible alarm shall sound when timer reaches zero.

The clock shall feature power consumption protection, whereas, the clock display shuts down, 20 minutes after the vehicle's engine is shut down and charging voltages are not present. The display shall come back on when the engine is restarted.

Does your bid meet exactly as specified YES ☒ NO ☐

## PAINT

**100% PAINT FILM COVERAGE:** All stages of primer and paint shall cover all surfaces. Hinge mating surfaces on the doors and jambs shall be painted. Bare aluminum and primer only preparation is not acceptable under door hinges. Doors shall be painted without actuation handles installed and doors removed from body. Paint film thickness to be no less than 4.1 mil thickness.

**PAINT SYSTEM TYPE:** The paint shall be Poly-Urethane type electrostatic application process without exception.

An electrostatic paint spray system is a highly efficient technology for the application of paint to specific work pieces. Negatively charged atomized paint particles and a grounded work piece create an electrostatic field that draws the paint particle to the work piece, minimizing over spray.

For this technology, an ionizing electrode, typically located at the paint gun atomizer tip, causes paint particles to pick up additional electrons and become negatively charged. As the coating is deposited on the work piece, the charge dissipates through the ground and returns to the power supply, completing the circuit. The electrostatic field influences the path of the paint particles. Because the charged particles are attracted to the grounded work piece, over spray is significantly reduced. Paint particles that pass a work piece can be attracted to and deposited on the back of the piece. This phenomenon is known as "wrap."

Does your bid meet exactly as specified YES ☒ NO ☐

**MECHANICAL ADHESION PROMOTER:** The entire module shall be degreased. Degreaser shall be applied to manufacturer's recommendations. The module body is to be inspected for flaws and imperfections, and to assure built to order specifications. All surfaces shall be initially sanded with 180 grit paper and all imperfections repaired.

Does your bid meet exactly as specified YES ☒ NO ☐

**CHEMICAL ADHESION PROMOTER:** The module shall be hot-water washed at (140 degrees or greater). Then the aluminum Body shall be treated with Alumiprep 33 acid etching followed by a complete De-ionized body rinse. To ensure all surfaces are cleaned, this step shall be repeated a second time. The entire unit shall be wet coated with Alodine 5700 conversion coating and de ionized water mixed. The module body is baked at 160 degrees to dry.

Does your bid meet exactly as specified YES ☒ NO ☐

# LAFOURCHE AMBULANCE DISTRICT NO 1

PRIMER: The module shall then have 2 coats of epoxy primer. The unit is then baked at 140 degree metal temperature for one hour. The module body will then undergo any bodywork or filler that is required at transition(s). A third coat of epoxy primer is applied and cured. The module body will then be final sanded prior to Paint color application. Primer shall be sanded with 320 grit paper to assure flat, orange peel free surface.

Does your bid meet exactly as specified YES ☒ NO ☐

TOP COAT (PAINT): Entire module shall be degreased. Degreaser shall be applied to manufactures recommendations. Two coats of BTLV High Solids color shall be applied.

Does your bid meet exactly as specified YES ☒ NO ☐

CLEAR COAT: The clear coat shall be manufactured by the same company as the primer and base coat. Two coats of "clear coat" polyurethane shall be applied per the manufacturer's instructions.

Does your bid meet exactly as specified YES ☒ NO ☐

3M POLISHING SYSTEM: Prior to 100% paint cure, the paint on the ambulance body shall be sanded to 1200 grit and polished flat per 3Ms Perfect-It product program for smooth finish.

Does your bid meet exactly as specified YES ☒ NO ☐

CORROSION: Anti-electrolysis procedures included, but are not limited to the following.

- 1) Ensure all bare substrate is dry and free from contamination.
- 2) If bare substrate is showing signs of corrosion/oxidation, sand and remove. Use 180 grit until area is removed.
- 3) Thoroughly blow off areas to remove sand dust and metal shavings.
- 4) Thoroughly degrease to be pre-primed using the wipe-on, wipe-off method with clean white rags. (Use good quality automotive Degreaser)
- 5) Apply Wash primer CR using a brush to all mated surfaces. Allow to flash for 15 minutes at 70 deg Fah. Mix wash primer CR 1:1 with wash-hardener.
- 6) Apply Urethane caulk to all mated surfaces before assembly to reduce the possibility of corrosion.

Does your bid meet exactly as specified YES ☒ NO ☐

EXTERIOR FASTENERS: All screw sites require a replaceable nylon insert for the fastener to thread into. This will isolate the dissimilar metals. Each hole shall be treated with an Electrolysis Corrosion Control compound prior to installation of the nylon inserts. All exterior screws shall be stainless steel.

Does your bid meet exactly as specified YES ☒ NO ☐



# LAFOURCHE AMBULANCE DISTRICT NO 1

**PAINT WARRANTY:** The conversion paint shall be warranted to the original owner for a period of 7 years, 70,000 miles. The color shift shall be no greater than Delta E of 4.0 with minimum gloss retention of 60 gloss units at twenty-degree angle. Warranty is to include a 36 month Corrosion coverage with no exclusions.

Does your bid meet exactly as specified YES ☒ NO ☐

**UNDERCOATING:** The bottoms side of the module shall be undercoated, with an exception to any area affected by exhaust system direct heat. Application standards for the undercoating shall be achieved or exceeded as directed by QVM or governing standards.

Does your bid meet exactly as specified YES ☒ NO ☐

**REFLECTIVE TAPE:** The module door frames shall have a three quarter inch (3/4") wide white reflective tape applied to the door frame interior. The tape shall illuminate the outline shape of the door when the door is opened.

Does your bid meet exactly as specified YES ☒ NO ☐

**COMPARTMENT FINISH:** Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate.

Does your bid meet exactly as specified YES ☒ NO ☐

**MAIN BODY COLOR:** The main body color shall be oxford white (Ford YZ). The paint finish shall be laid onto the body in a flat, orange peel free, mirror like shine on all four sides.

Does your bid meet exactly as specified YES ☒ NO ☐

**REFLECTIVE / PRISMATIC TAPE:** The aforementioned center step shall have a bright, conspicuous prismatic, reflective tape strip applied the rearward facing edge of the step. The tape shall have alternating colors (Red and White). The tape color shall begin and end in Red, and each segment shall measure between seven and nine inches.

Does your bid meet exactly as specified YES ☒ NO ☐

**ROOF PAINT:** Color match to sides, top finish to exceed industry standard of 5 plus mill thickness.

Does your bid meet exactly as specified YES ☒ NO ☐

**BODY STRIPES:** There shall be a continuous blue belt stripe from the front edge of the right fender to the front edge of the left fender excluding rear of ambulance. In the center of this approximately 11" belt stripe shall be a Star of Life custom design that extends from the roof drip rail to below the skirt rail. In the center of the belt stripe in white reflective decal shall be the words "Lafourche

# LAFOURCHE AMBULANCE DISTRICT NO 1

Ambulance". In the center of the Star of Life there shall be a white reflective decal of the Caduceus. It shall be the vendor's responsibility to come to our location to take measurements and pictures to make sure our current scheme is duplicated.

There shall be a red approximately 2" wide painted stripe (in the center of the blue stripe) that shall be from the Star of Life to the front fender. The painted stripe shall incorporate a heartbeat rhythm or QRS to be discussed at the pre build conference. This design shall be mirror image on other side of ambulance.

PIN STRIPES: There shall be an 1/4" reflective white pin stripe around the red stripe. There shall also be a 1" reflective white pin stripe top and bottom of the blue stripe and star of life. The rear of the ambulance shall have an American Flag as current fleet incorporated in the design of the rear of the vehicle. The flag shall be printed on reflective material and shall be installed in two solid sheets not individual stripes. This pattern will be addressed at the pre build conference.

Does your bid meet exactly as specified YES ☒ NO ☐

DRIP RAILS: A bright drip rail shall be provided over each compartment. Full height compartments are exempt because the perimeter roof rail drip rails will cover these compartments.

Does your bid meet exactly as specified YES ☒ NO ☐

OWNER'S MANUAL: There shall be shipped loose with each completed unit a card with USB flash data file with pertinent information from the build of the vehicle.

Does your bid meet exactly as specified YES ☒ NO ☐

AMBULANCE MARKING PACKAGE: The vehicle shall be supplied with a lettering and "star of life" symbol decal package as described in current Federal specification KKK-A-1822. The "ambulance marking package" is to be shipped loose with the vehicle. The "star of life" symbols shall meet Figure 4 required by KKK-A-1822.

Does your bid meet exactly as specified YES ☒ NO ☐

ROOF STAR OF LIFE: There shall be installed on the module roof a reflective star of life symbol large sized.

Does your bid meet exactly as specified YES ☒ NO ☐

SAFETY PLACARDS: There shall be installed in the chassis cab and patient area descriptive placards in durable materials to remind occupants to fasten seatbelts and to refrain from smoking.

Does your bid meet exactly as specified YES ☒ NO ☐



# LAFOURCHE AMBULANCE DISTRICT NO 1

FIRE EXTINGUISHER: One (5) five pound A-B-C type fire extinguisher shall be mounted in the cabinet at the elongated stepwell.

Does your bid meet exactly as specified YES ☒ NO ☐

REFLECTOR PACKAGE: Six reflectors shall be supplied on the outside of the module body. The reflectors shall be located at skirt line level and the area size shall be at least 3.75 square inches. Each side shall have one AMBER forward reflector and one RED rearward reflector. The rear of the body shall have one RED reflector, located just above the diamond plate kick plate.

Does your bid meet exactly as specified YES ☒ NO ☐

OXYGEN REGULATOR: A fixed output medical regulator shall be supplied with the apparatus. The output shall be fixed via a single chamber pressure setting which can produce a 50 psi +/- 5psi at 7.25 LPM. The output of the regulator may vary as the tank pressure lowers or flow rate is changed. The regulator shall have a CGA 540 thread for the bottle and a 9/16- 18 tpi threaded male connector for the input hose to the system.

Does your bid meet exactly as specified YES ☒ NO ☐

TIRE PRESSURE MONITORING SYSTEM: There shall be a sensor on each tire valve that is wireless to a receiver which visually will tell the driver pressure and temperature of each tire. Each sensor is designed to allow air filling without removal. The internal battery has a seven year life for worry-free longevity. The display is installed in plain view of the driver.

Does your bid meet exactly as specified YES ☒ NO ☐

## CONVERSION WARRANTY

The minimum warranty allowed shall be as follows:

7 Year, 70,000 mile Mechanical & Electrical including Workmanship

Does your bid meet exactly as specified YES ☒ NO ☐

7 Year, 70,000 miles Standard Paint Warranty

Does your bid meet exactly as specified YES ☒ NO ☐

36 Month Paint Coatings Corrosion Warranty.

Does your bid meet exactly as specified YES ☒ NO ☐

20 Year Body Structure Warranty.

# LAFOURCHE AMBULANCE DISTRICT NO 1

Does your bid meet exactly as specified YES ☒ NO ☐

WARRANTY CENTERS: Bidders shall have at least THREE established warranty centers located within 180 miles from Cut Off, Louisiana. All warranty centers shall have been established for at least THREE (3) years from date of bid opening.

Does your bid meet exactly as specified YES ☒ NO ☐  
Signature required verifying above statement Robert W. Lowe

## DELIVERY:

Delivery shall be FOB Cut Off, LA

Does your bid meet exactly as specified YES ☒ NO ☐

## OPTIONAL TRADE IN VEHICLE:

Lafourche Ambulance would like the option to trade one vehicle per each vehicle purchased.

First Vehicle: 2013 Chevy G3500 Type III AEV ambulance with a current mileage 183,672 VIN#1GB3G2CL5B1128486. This vehicle is currently a spare and is not being used.

Second Vehicle 2015 CHEVY G-4500 Type III AEV ambulance with a current mileage of 195,500 miles as of JUNE 28, 2018. This vehicle will remain in use and mileage will go up until delivery of new vehicle is placed into service.

VIN# 1GB6G5CL3F1170613

Does your bid meet exactly as specified YES ☒ NO ☐



# LAFOURCHE AMBULANCE DISTRICT NO 1

## BID PROPOSAL FORM

NAME OF BIDDER: SOUTHERN EMERGENCY AND RESCUE VEHICLE SALES LLC

ADDRESS: 15590 FLORIDA BLVD.

CITY, STATE, ZIP: BATON ROUGE, LA 70819

TELEPHONE: 225-683-3999 WATTS: 800 800-468-5473

PERSON TO CONTACT REGARDING THIS BID: ROBERT W. LOWRIE

We herewith submit and bid as follows:

YEAR MODEL: 2021 AMBULANCE MFG.: (AEV) AMERICAN EMERGENCY VEHICLES

F.O.B. POINT: DELIVERED TO CUT OFF, LA BY DEALER

DELIVERY (Calendar Days Only): 90-120 DAYS AFTER SIGNED WORK ORDER

PRICE COMPLETE, AS SPECIFIED: \$ \$209,744.00 (per vehicle)

FINAL INSPECTION TRIP \$1,200.00 EACH PERSON

TRADE IN AMBULANCES: 2013 G-3500 \$7,500.00 / 2015 G-4500 \$10,500.00

BID IS: XX as per specifications, taking no exceptions.  
\_\_\_\_\_ taking only those specifications exceptions listed by letter attached and referenced  
to page numbers specified (no alternate bids accepted)

The undersigned bidder agrees that the signature submission of this bid represents the bidder's acceptance of all terms, conditions, and requirements of bid specifications and, if awarded, the bid will represent the agreement between the parties. Additionally, by signing this bid, the bidder warrants that there was no collusion of any kind in submission of this bid.

SIGNED: (sign manually, in ink) Robert W Lowrie

NAME PRINTED: ROBERT W. LOWRIE TITLE: TERRITORY MANAGER, LA & MS