

ADVERTISED BID
CITY OF ST. LOUIS

OFFICE OF THE SUPPLY COMMISSIONER
 1200 MARKET ST RM 324
 ST LOUIS MO 63103-2842



REQUEST FOR QUOTE
91016Q0058

PAGE
1

ADDRESS CORRESPONDENCE TO

... We agree to furnish the following articles to the City of St. Louis, free of any extra charges, in the quantity named and at the prices respectively stated:

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SEE BELOW FOR DELIVERY SITE

SEE TERMS AND CONDITIONS ON THE REVERSE SIDE OF THIS QUOTATION SHEET.

DATE PRINTED 08/17/15	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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REPLY DUE BY: 09/16/15 12:00 O'CLOCK NOON

NEEDED BY DATE	QUANTITY	UNIT	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
	1	EA	CITY	910-2016-01		
	REQ LINE NUMBER : 0001					
	2016 TYPE I AMBULANCE - RFP 2016-01 PER ATTACHED SPECIFICATIONS.					
	SEE ATTACHED 41 PAGES OF SPECS					
	BRAND ----- PRODUCT NO. -----					
	OR ACCEPTABLE EQUAL; UNLESS NO SUBSTITUTIONS ALLOWED CLEARLY STATE MANUFACTURER, BRAND AND NUMBER FOR ALL ITEMS BID.					
	VENDOR MUST SUBMIT DETAILED INFORMATION ON PRODUCTS OFFERED IF NOT BIDDING AS SPECIFIED.					
	+++++					
	BIDS WILL BE AWARDED BASED ON OFFICIAL SPECIFICATIONS PROVIDED BY SUPPLY DIVISION ONLY & ANY RELATED ADDENDA. ALL INQUIRIES MUST BE IN WRITING (LETTER/E-MAIL/FAX) TO THE FOLLOWING BUYER:					
	JOHN CASSIDY - CASSIDYJ@STLOUIS-MO.GOV					
	FAX# 314-622-4141 PHONE# 314-622-4596					
	+++++					
	CHECK HERE IF YOU WANT A BID TABULATION: -----					
	ALLOW 30 DAYS FOR RESULTS -----					
	STATE BEST GUARANTEED DELIVERY: ----- A.R.O. -----					
					TOTAL →	

NAME OF FIRM	STATE DELIVERY: CALENDAR DAYS	COMPTROLLER	Date
ADDRESS			
CITY	STATE	SIGNED BY:	SUPPLY COMMISSIONER
PHONE	Area Code ()		Date

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NEEDED BY DATE	QUANTITY	UNIT	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
	ALL ITEMS SHALL BE F.O.B. DESTINATION FREIGHT OR DELIVERY CHARGES MUST BE INCLUDED IN QUOTE OR INDICATED BELOW IN ORDER TO RECEIVE PAYMENT! () FREIGHT IS INCLUDED IN THE QUOTE PROVIDED - OR - () WE WILL CHARGE \$ _____ FREIGHT/DELIVERY THE CITY RESERVES THE RIGHT TO SPLIT AWARDS, VENDOR MUST INDICATE (SPLIT) OR (ALL OR NONE) FOR MULTI LINE BIDS. ----- BIDDING "ALL OR NONE" ----- SPLIT AWARD ACCEPTABLE PLEASE PROVIDE CONTACT INFORMATION FOR THIS BID: NAME: _____ E-MAIL: _____ PHONE: _____					
					TOTAL →	

NAME OF FIRM		STATE DELIVERY:		COMPTRROLLER	Date
ADDRESS		CALENDAR DAYS			
CITY	STATE	SIGNED BY:		SUPPLY COMMISSIONER	Date
PHONE	Area Code ()				

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REPLY DUE BY: **09/16/15 12:00 O'CLOCK NOON**

NEEDED BY DATE	QUANTITY	UNIT	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
				ORDINANCE #60643 - A CITY OF ST LOUIS BUSINESS LICENSE IS REQUIRED IF YOUR COMPANY MEETS ANY OF THE FOLLOWING: (CHECK AS APPROPRIATE):		
				----- BUSINESS IS LOCATED WITHIN THE CITY LIMITS		
				----- DELIVERY WITHIN CITY LIMITS IS BY COMPANY TRUCK		
				----- SALES CALLS ARE MADE WITHIN THE CITY LIMITS		
				* VENDORS SHOULD NOTE IF THEY ARE MINORITY OR WOMEN OWNED BUSINESS (CHECK)		
				MBE ----- WBE-----		
				LIST ITEMS MANUFACTURED, ASSEMBLED OR PRODUCED IN A FOREIGN COUNTRY ON THE ENCLOSED (BUY AMERICAN) FORM FOR BIDS TOTALING \$1,000 OR HIGHER		
				***** WEBSITE INFORMATION *****		
				* TO DOWNLOAD SUPPLY BIDS GO TO:	*	
				* HTTP://STLOUIS-MO.GOV/SUPPLY/BID-NOTICES.CFM	*	
				* CLICK ON BID NOTICES	*	

				TOTAL →		

NAME OF FIRM	STATE DELIVERY: CALENDAR DAYS	COMPTRROLLER	Date
ADDRESS			
CITY	STATE	SIGNED BY:	SUPPLY COMMISSIONER
PHONE	Area Code ()		Date

City of St. Louis

Equipment Services Division

REQUEST FOR SEALED PROPOSALS

2016 TYPE I AMBULANCE - RFP 2016-01

1. General Instructions and Information to prospective Bidders
2. Bidder Responsibility and Instructions
3. Ambulance Specifications
 - A. Chassis specifications C1-C22
 - B. Modular specifications M1-M38

1.0 SCOPE, PURPOSE AND CLASSIFICATION

1.0.1 SCOPE

This specification covers a new commercially produced surface emergency medical care vehicle(s), herein referred to as an “ambulance” or “vehicle”. This vehicle shall be in accordance with applicable NFPA guidelines and the Ambulance Design Criteria of the National Highway Traffic Safety Administration, United States Department of Transportation, Washington DC. This specification is based on current KKK - A1822 - F revision. It is the intent of this agency to purchase vehicle(s) that are professionally engineered and designed. It is paramount to this agency that vehicle(s) presented be built by a reputable manufacturer with considerable experience in the ambulance manufacturing field. To this end, this agency requires that each manufacturer provide the following:

1. A statement of fact, signed by an officer of the manufacturing company, disclosing that the manufacturer has delivered 100 hundred (100) ambulances within the last twelve (12) months of the date of this bid.
2. The size and location of manufacturing facilities and number of production staff.
3. A list of on-site engineering staff with educational accreditation.
4. ISO 9001:2000 Certification.

Failure to provide this agency with the documentation required will be deemed non-responsive.

1.0.2 PURPOSE

The purpose of this document is to provide the manufacturer with a set of specifications and test parameters that will meet the criteria to manufacture a vehicle as set forth by this agency. This agency seeks a vehicle that will deliver “fair value”. Fair value is defined by this agency as the manufacturer's ability to provide a safe, functional, and practical ambulance conversion that will work in junction with the chassis specified at a reasonable cost. The specifications within this document are a basis to deliver such a vehicle to this agency. This agency at its discretion shall assess the intangible assets of the manufacturer such as, but not limited to, after quality, delivery support, customer service, parts availability and warranty turn-around time.

1.0.3 CLASSIFICATION

This specification calls for the following type of vehicle in accordance with the current KKK-A1822-F revision.

Type 1-AD (Additional Duty) Ambulance (14,001 GVWR or more)

1.1 GENERAL

This is an engineer, design, construct and deliver type specification meeting the needs of this agency. Attention has been given to the engineering and design aspect of this specification that will attain our goal of fair value. It is the manufacturer's responsibility to deliver a product meeting the criteria as set forth. This agency reserves the right to increase the equipment quantities that are specified. In addition, other agencies will be permitted to purchase equipment under this contract as a result of this specification, unless prohibited under law.

1.1.1 SITES OF WORK

Other than the chassis, specified accessories, and raw materials such as aluminum, wood, etc.; all shops and sub-shops shall be within the complex(s) that are directly owned and controlled by the primary manufacturer. Any assemblies including, but not limited to, upholstery, fiberglass, cabinetry, electrical, structural and paint application, that are performed or supplied outside of the primary manufacturer's location(s) must be noted. The name, address, and contact person supplying the primary manufacturer with the assemblies must be provided in writing to this agency. Non-disclosure will be sufficient grounds for rejection of bid or termination of contract. Ambulances or chassis' imported for consideration of this specification into the United States under the North America Free Trade Act must provide documentation of compliance with all United States laws applicable. Further, any import ambulance must be independently certified and tested within the United States to meet KKK-A1822-F certification.

1.1.2 EXAMINATION OF SPECIFICATIONS

It is incumbent on each manufacturer to be thoroughly familiar with the specification contained herein. The specification will require a "YES" or "NO" or when requested a definitive answer to each section or subsection. Sections or subsections not marked with a "YES" or "NO" or answered shall be deemed incomplete and considered non-responsive. A "YES" answer constitutes a complete compliance to the section or subsection as written. A "NO" shall indicate noncompliance and does not eliminate a manufacturer from competition. A manufacturer may object or counter to a specific section or subsection. A manufacturer must indicate in writing, as an attachment, the section or subsection in dispute. The manufacturer must include the verbiage as written, new verbiage presented, explanation of verbiage with consequences and supporting tests and documentation. Failure to comply will be deemed as non-responsive. This agency reserves the right to determine compliance.

1.1.3 DEFINITIONS: The following definitions shall apply with regards to these specifications.

1.1.4 PURCHASER: The end user of the equipment specified or the applicable purchasing agency acting on behalf of the end user.

1.1.5 CONTRACTOR: The individual, firm, partnership manufacturer, or corporation to whom the contract is awarded by the Purchaser and is subject to the terms thereof. For bidding purposes the contractor, vendor, bidder, manufacturer are synonymous.

1.1.6 EQUAL: This agency supports the design, engineering, quality and materials as specified in this document. This shall not prohibit the bidding of unlike product. However, any deviation from the specification must be marked and submitted per section A1.1.2. Failure to do so shall be deemed non-responsive.

1.1.7 MANUFACTURER: The manufacturer within this specification shall be considered the "primary manufacturer" of the ambulance conversion. The chassis requirement as set forth in this specification is the responsibility of the primary manufacturer to procure. This agency considers the chassis platform as a conveyance for the ambulance conversion. It is imperative that the primary manufacturers procure the **exact** chassis from the chassis manufacturer. After market modifications by the primary manufacturer to achieve chassis specification will not be tolerated. This agency will require documentation from the chassis manufacturer pertaining to the chassis requirements for this agency. Failure to provide documentation after award and prior to

construction may result in the termination of the contract. Expenses to re-bid will be the responsibility of the manufacturer in default.

2.0 SPECIAL CONDITIONS

2.1 BIDDERS RESPONSIBILITY AND QUALIFICATION

2.1.1

It is not the intent of these specifications to call for an unusual or experimental vehicle(s). The primary manufacturer shall have a minimum of 5 years of uninterrupted manufacturing of similar or identical vehicles to the specifications set forth in this bid.

2.1.2

If requested by the purchaser, the primary manufacturer shall supply upon request a list of fifteen (15) agencies that have purchased similar or identical vehicles within the past year from date of bid. The list will have contact names and phone numbers.

2.1.3

For the purpose of this section, the bidder of record shall be required to submit insurance and/or proof of licenser to conduct business within this jurisdiction. Failure to provide proper documentation with the bid response may result in any bid being deemed non-responsive.

2.1.4

The primary manufacturer shall be ISO 9001:2000 certified. **No Exceptions.**

2.1.5

The primary manufacturer shall employ full time a Quality Control Manager whose primary function is to monitor quality. **No Exceptions.**

2.2 PAYMENT, DELIVERY AND ACCEPTANCE

2.2.1

Unless otherwise requested, the primary manufacturer shall arrange over the road delivery of the completed vehicle to this agency's designated local address under the vehicles own power. That address shall be Equipment Services Division, Public Safety (Laclede) Garage, 3930 Laclede Ave, St. Louis, MO 63108. The delivery point of contact is Joe Winkler, Fleet Maintenance Manager or George Mard, Fleet Maintenance Foremen I at (314) 444-1222. Costs of transportation and preparation are to be included with the price as bid.

Payment in full will be made upon delivery once an inspection of the vehicle by this agency's authorized representative(s) confirms compliance with the specification.

2.2.2

All bid prices and conditions must be specified on the Bid Proposal Form.

2.2.3

Bid prices shall be valid for sixty (60) days. In the unforeseen circumstance that this agency requires the primary manufacturer to extend pricing requirement; then it will be at the discretion of this agency to request in writing from the primary manufacturer any deviation in prices quoted. The primary manufacturer may revise pricing and state in writing reasons for any change and certify the amended pricing for sixty (60) additional days.

2.3 BID EVALUATION

Bids received shall be evaluated by the Purchaser. This evaluation will be based on the following:

- Completeness of the proposal
- Manufacturing and Delivery schedule
- Primary manufacturer's demonstrated capabilities and qualifications
- Primary manufacturer's past performance on similar Bid Proposals
- Primary manufacturer's maintainability and recommendations
- Primary manufacturer's logistical and service support

2.3.1

Bid proposals taking total exception to these specifications will not be accepted. The provision of a suitable cab and chassis with gasoline-powered engine and either battery or gasoline-powered auxiliary power unit (APU) will not be granted exception.

2.3.2

Bid proposals that do not comply with the prescribed method to take exceptions listed in paragraph A1.1.2 will be rejected without further consideration.

2.3.3

This agency seeks the highest level of value for the cost. To assure this agency is receiving such value the primary manufacturer must submit evidence of compliance with KKK-A1822-F testing parameters. The testing is to be performed by an independent testing facility and verified by person(s) with the standing of Professional Engineer. If further testing is required by any lawful agency of the Federal or State Government then it shall be incumbent upon the primary manufacturer to provide this agency with certification required.

2.3.6

The primary manufacturer may submit certification of all "member in good standing" of any public or private association that may have bearing on this specification i.e. AMD, NTEA.

2.4 CONTRACT AWARD

The Purchaser reserves the right to increase the number of vehicles or equipment specified under this contract. If awarded, the primary manufacturer agrees that additional agencies may purchase under the same terms and prices afforded by any contract arising from the bid award, unless prohibited by law.

2.4.1

The purchaser has the right to waive any informalities, irregularities, and technicalities in procedure.

2.5 WARRANTY

This agency is concerned with the ability of the primary manufacturer to warrant the conversion after delivery. This agency expects a minimum of a fifteen (15) year modular construction warranty and twelve (12) months and twelve thousand (12,000) mile full warranty on the conversion. In addition, each manufacturer shall submit their various warranties and warranty options, if applicable, with the proposal for evaluation. Also, each primary manufacturer will supply the name and phone number of a contact person in the event this agency requires clarification of the submitted warranty documents.

The primary manufacturer will provide the location of the closest approved warranty center. Indicate to this agency, in writing, to be included with this proposal; the process to initiate and file a warranty claim.

2.5.1

Due to the high demands on a pre-hospital care vehicle, this agency demands the primary manufacturer have available a twenty-four hour a day technical assist service. This 24/7 service must be staffed by the primary manufacturer's service personnel, include telephone number:

2.6 DELIVERY

The primary manufacturer will provide in writing to accompany this document a proposed delivery time. The delivery time proposal will include the transit time of the finished vehicle.

2.7 INDEMNIFICATION AND INSURANCE

This agency seeks to mitigate future liability exposure; therefore, all primary manufacturers will submit their Certificate of Insurance for evaluation. This agency will only consider a primary manufacturer with a minimum of Five Million United States Dollars (\$5,000,000.00 USD) that is based on a **PER INCIDENT** basis. This insurance shall be issued by a company rated "A" or better as reported in the current edition of Bests Key Rating Guide, published by Alfred M. Best Company, Inc. Aggregate liability coverage will not be considered regardless of amount. Failure to comply will be deemed non-responsive.

2.8 FAMILIARITY WITH LAWS

The primary manufacturer will be familiar with all Federal, State and Local laws, ordinance, code rules and regulations that may in any way effect the work. Ignorance on the part of the primary manufacturer is not acceptable.

2.9 PRE-CONSTRUCTION AND INSPECTION CONSIDERATIONS

The successful primary manufacturer shall be required to hold a pre-construction conference with representatives of this agency to finalize construction details at the primary manufacturing plant. The primary manufacturer will provide adequate transportation, lodging and meals for two (2)

designated personnel from this agency. Further, if the location is in an excess of three hundred (300) miles from this agency's location, the transportation shall be by air carrier.

The department will also require a final inspection of the ambulance upon completion. This final inspection shall take place at the primary manufacturing plant. The primary manufacturer will provide adequate transportation, lodging and meals for two (2) designated personnel from this agency. Further, if the location is in an excess of three hundred (300) miles from this agency's location, the transportation shall be by air carrier.

2.10 DRAWINGS

The primary manufacturer shall provide a set of drawings that accurately depict the vehicle as specified. The drawings will show all exterior and interior planes with dimensions. Failure to comply will be deemed non-responsive.

2.11 EMPLOYEE STATEMENT

It is mandated by the United States Government that all employees currently and to be employed during the duration of this contract are not discriminated against because of their race, creed, color, gender, sexual orientation, nationality origin and disability. Further, this agency must be satisfied that the primary manufacturer's labor pool is treated in a fair and equitable manner. Therefore, it will be the responsibility of the primary manufacturer to include a human resource statement outlining employment status, working conditions, and benefits.

2.12 ANTI-COLLUSION STATEMENT

By signing this bid, the primary manufacturer agrees that this bid is made without any understanding, agreement or connection with any other person, firm or corporation making a bid for the same purpose and this bid is in all respects fair and without collusion or fraud.

3.0 TECHNICAL REQUIREMENTS CAB - CHASSIS

3.1 GENERAL VEHICULAR DESIGN, TYPES, AND FLOOR PLAN

The ambulance and the allied equipment furnished under this specification shall be the primary manufacturer's current commercial vehicle of the type and class specified. The ambulance shall be complete with the operating accessories as specified herein. It shall be furnished with such modifications and attachments as necessary and specified to enable the vehicle to function reliably and efficiently in sustained operation. The design of the vehicle and the specified equipment shall permit accessibility for servicing, replacement and adjustment of component parts and accessories with minimum disturbance to other components and systems.

3.1.2

The ambulance shall be a Type I, Class I, and shall be a chassis furnished with a two (2) door conventional cab. The chassis shall be suitable for subsequent mounting of a modular (containerized), transferable equipped ambulance body conforming to the requirements herein.

3.1.3

The design of the vehicle shall utilize floor plan "A" loading arrangement of patients into the patient compartment. All litters shall be loaded into position with the heads of the patients

forward in the vehicle.

3.2 VEHICLE COMPONENTS, EQUIPMENT, AND ACCESSORIES.

The emergency medical care vehicle, chassis ambulance body, equipment, devices medical accessories and electronic equipment to be delivered under this contract shall be standard commercial products, tested and certified, to meet this specification. The vehicle shall comply with all Federal Motor Vehicle Safety Standards (FMVSS) and United States regulations applicable or specified for the year of manufacture. The primary manufacturer shall procure the chassis, components, equipment and accessories as specified and provide the current technical data and materials of all suppliers.

3.3 MATERIALS

Materials used in the construction shall be new and meet the quality conforming to this specification. Materials shall be free of defects.

AMBULANCE SPECIFICATIONS
2016 Type I LSV Dodge Chassis

C1.0	CHASSIS
C2.0	FRONT AXLE
C3.0	POWER STEERING
C4.0	TIRES AND WHEELS
C5.0	SPOLTIGHT
C6.0	TRIM
C7.0	WINDOWS
C8.0	SEATS
C9.0	CONSOLES
C10.0	MIRRORS
C11.0	GAUGES
C12.0	ANTI-THEFT DEVICE
C13.0	BATTERIES
C14.0	BATTERY GROUND
C15.0	BATTERY CONDITIONER
C16.0	MODULE DISCONNECT SWITCH
C17.0	MANUALS AND SCHEMATICS
C18.0	LIQUID SPRING SUSPENSION
C19.0	BRAKES
C20.0	REMOTE ENTRY
C21.0	WHEELS
C22.0	ENERGY XTREME POWER SYSTEM
C23.0	RADIO INSTALLATION INTEGRATED TO HEADPHONES AND INTERCOM SYSTEM

CHASSIS SPECIFICATIONS

C1.0 CHASSIS

C1.1 The cab and chassis shall be a **2016 RAM B4500 Four wheel drive**, regular two door cab with the ambulance prep package and the wheel base as specified below.

Will furnish section as written: Yes _____ No _____

C1.2 The chassis shall have a wheelbase of 192.5”.

Will furnish section as written: Yes _____ No _____

C1.3 *The G.V.W.R. of the chassis shall be rated at 16,500 pounds.*

Will furnish section as written: Yes _____ No _____

C1.4 6.4L V8 Heavy Duty HEMI engine (gasoline-powered). A diesel engine will NOT be acceptable.

Will furnish section as written: Yes _____ No _____

C1.5 6-Speed automatic transmission with overdrive.

Will furnish section as written: Yes _____ No _____

C1.6 Order Package 27G SLT series chassis trim with Ambulance Prep Group.

Will furnish section as written: Yes _____ No _____

C1.7 4.44 rear axle ratio.

Will furnish section as written: Yes _____ No _____

C2.0 FRONT AXLE

C2.1 OEM front stabilizer bar

Will furnish section as written: Yes _____ No _____

C3.0 POWER STEERING

C3.1 The steering shall be power assisted with a tilt wheel.

Will furnish section as written: Yes _____ No _____

C4.0 TIRES AND WHEELS

C4.1 The tires shall be 225/70R19.5G All Season – front and rear.

Will furnish section as written: Yes _____ No _____

C4.2 A spare wheel and tire of the same size, type, and rating shall be provided. The spare tire shall be mounted and balanced on the rim, and shall be shipped loose with the vehicle.

Will furnish section as written: Yes _____ No _____

C4.3 The wheels shall be all aluminum.

Will furnish section as written: Yes _____ No _____

C4.4 Valve extenders shall be provided on the rear tires for the purpose of checking & filling the tires with an after-market tire pressure monitoring device.

Will furnish section as written: Yes _____ No _____

C5.0 SPOTLIGHT

C5.1 A handheld spotlight with a minimum 400,000 candlepower hardwired into the custom console shall be supplied.

Will be furnished at written: Yes _____ No _____

C6.0 TRIM

C6.1 The interior cab trim shall be Diesel Gray/Black. Flooring shall not be carpet.

Will furnish section as written: Yes _____ No _____

C7.0 WINDOWS

C7.1 All windows shall be tinted safety glass.

Will furnish section as written: Yes _____ No _____

C8.0 SEATS

C8.1 (2) high-back seats shall be supplied in the cab.

Will furnish section as written: Yes _____ No _____

C8.2 Module to cab construction must allow full range of travel adjustment for both driver and passenger seats.

Will furnish section as written: Yes _____ No _____

C9.0 CONSOLES

C9.1 There shall be a custom console mounted in the cab between the driver and passenger seats. This custom console shall be capable of housing the V-Mux Vista display screen, siren control, voltmeter, cab warning lights and a computer mount for customer computer terminal on the forward portion of the console. Center portion of the console will accommodate a cutout for placement of customer radio and two cup holders. The rear portion of the console will be open with adjustable dividers for storage.

Will furnish section as written: Yes No

C9.2 There will be wall mounted map console that will be mounted to the rear cab wall under the pass-thru window.

Will furnish section as written: Yes No

C10.0 MIRRORS

C10. 1 There shall be a pair of Electric Remote Control, Lighted, Heated, Wide Load, Integral Arm, Integral Convex Mirrors.

Will furnish section as written: Yes No

C11.0 GAUGES

C11.1 The chassis cab shall have a full set of gauges that include an oil pressure, water temperature, ammeter, voltmeter, and fuel level gauges.

Will furnish section as written: Yes No

C12.0 ANTI-THEFT DEVICE

C12.1 An anti-theft device that allows the engine to continue running with removal of the ignition key shall be provided.

Will furnish section as written: Yes No

C13.0 BATTERIES

C13.1 The chassis shall have two OEM under-hood batteries. The batteries shall be electrically isolated from each other.

Will furnish section as written: Yes No

C14.0 BATTERY GROUND

C14.1 All devices shall have separate ground wires running to a central ground buss bar which is grounded to the chassis frame.

Will furnish section as written: Yes No

C15.0 BATTERY CONDITIONER

C15.1 A battery conditioner shall be installed. This unit will operate off of the 110VAC shore line and will constantly monitor condition of batteries, charging as necessary. An on-board battery charger will not be acceptable.

Will furnish section as written: Yes ___ No ___

C16.0 MODULE DISCONNECT SWITCH

C16.1 The module disconnect system shall be activated by the chassis ignition.

Will furnish section as written: Yes ___ No ___

C17.0 MANUALS AND SCHEMATICS

C17.1 Upon delivery, manufacturer shall also provide the following:

C17.1.1 Two (2) sets of operation manuals listed in digital format. These manuals will include information on:

- 1) Operation of chassis
- 2) Operation of components provided by the manufacturer.
- 3) Operation of all accessories and components that were added on by the manufacturer.

Will furnish section as written: Yes ___ No ___

C17.1.2 Two (2) complete sets of wiring diagrams in digital format. These diagrams shall be applicable to this vehicle only and will include complete wiring diagrams of the Dodge chassis as well as complete wiring diagrams of the added on module. If any electrical troubleshooting guides for the various systems are available, they shall also be included with the wiring diagrams.

Will furnish section as written: Yes ___ No ___

C17.1.3 One (1) manufacturer's service manual shall also be provided. This manual shall contain information on all OEM provided systems.

Will furnish section as written: Yes ___ No ___

C17.1.4 All items above shall be installed on a diagnostic laptop Panasonic Toughbook CF-31 with Windows 7 Pro (Windows 8.1 Pro COA) Intel Core I5-5300U 2.3Ghz, VPRO, 13.1 XGA Touch screen, integrated DVD, 8Gb RAM, Wi-Fi and wired NIC, 100Gb hard disk or larger. This laptop will also come installed (separate DVD provided) with all software necessary to diagnose and set parameters of all vehicle systems including the engine, transmission, and brakes with subscription of license and upgrades for a minimum of 10-years. All cables and connectors from the vehicle to the laptop must be supplied.

Will furnish section as written:

Yes ___ No ___

C18.0 LIQUID SPRING SUSPENSION

C18.1 Liquid spring suspension shall be installed chassis prior to delivery to ambulance manufacturer. Suspension control box shall be mounted on the dash, just to the left of the steering wheel. The system shall include a momentary dump switch located in the base wall cabinet area near the rear entry doors.

Will furnish section as written:

Yes ___ No ___

C19.0 BRAKES

C19.1 Heavy-duty brakes to be provided as specified by chassis manufacturer appropriate to the GVWR of the finished vehicle when loaded with a three-person crew and up to three-patients/passengers.

Will furnish section as written:

Yes ___ No ___

C20.0 REMOTE ENTRY

C20.1 There shall be an OEM keyless entry system. Also a switch mounted under the hood for quick access.

Will furnish section as written:

Yes ___ No ___

C21.0 WHEELS

C21.1 Wheels shall be an aluminum alloy or steel painted to match chassis with chrome hub caps mechanically secured to the wheel so they can't come off without the use of tools.

Will furnish section as written:

Yes ___ No ___

C22.0 ENERGY EXTREME BATTERY SYSTEM

C22.1 There shall be an Energy Xtreme #EMS6-001 6,000 watt hours mobile power/idle reduction system manufactured by Stealth Power Systems installed on the unit. Installation shall be in compliance with manufacturer's recommendations. This unit shall be engaged from the driver's position and provide power to all systems including heat and air conditioning to the rear compartment of the vehicle. It shall auto-start the vehicle in case of power drain insufficient to adequately power rear compartment systems.

Will furnish section as written:

Yes ___ No ___

C23.0 RADIO INSTALLATION INTEGRATED TO HEADPHONES AND INTERCOM SYSTEM

C23.1 The St. Louis Fire Department shall provide a radio to be installed. The radio shall be integrated into the vehicle intercom system between the driver and rear compartment crew

such that the driver may use the radio and the intercom hands-free while wearing headphones with boom microphone which safeguard the driver's hearing meeting OSHA standards while running with sirens on. All hardware and connecting cables except the radio itself shall be supplied by the bidder. Installation must be tested as part of the acceptance inspection and work properly as described connected to the SLFD radio network.

Will furnish section as written:

Yes ___ No ___

**AMBULANCE SPECIFICATIONS
2016 TYPE I LSV**

M1.0	DIMENSIONS
M2.0	CONSTRUCTION
M3.0	FLOOR
M4.0	ENTRANCE DOORS
M5.0	WINDOWS
M6.0	REAR BUMPER
M7.0	EXTERIOR RUB RAIL/STONE GUARDS
M8.0	FENDERETTES
M9.0	EXTERIOR COMPARTMENTS
M10.0	OXYGEN COMPARTMENT
M11.0	BACKBOARD COMPARTMENT
M12.0	CABINETS
M13.0	CEILING GRAB RAIL
M14.0	HEATING, AIR CONDITIONING, VENTILATION
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M30.0	TECHNICIANS SEAT
M31.0	ALS COMPARTMENT (IN-OUT)
M32.0	STRETCHER / ONE MAN COT
M33.0	IV HOLDERS
M34.0	INSULATION
M35.0	PAINT
M36.0	DECALS
M37.0	MISCELLANEOUS
M38.0	FRONT BULKHEAD DRAWER CABINETS
M39.0	OPTIONAL EQUIPMENT
M40.0	SAMPLE DRAWINGS

MODULE SPECIFICATIONS

M1.0 DIMENSIONS

Module length:..... 174 inches
Floor Width: wall to wall, floor level.....49.0” minimum (50.0” preferred)
Height: floor to ceiling.....72”
Overall Height: Not to exceed 115 inches (excluding antennas)

Will furnish section as written: Yes _____ No _____

M2.0 CONSTRUCTION

M2.1 Manufacturer shall provide detailed specifications of all facets of module construction, including material types, gauges, laminates, wall construction, floor construction, cabinetry, insulation, wiring, supports, mounting system, fastening systems, etc.

Will furnish section as written Yes _____ No _____

M2.2 The use of “particle” board will not be acceptable in any portion of construction of vehicle.

Will furnish section as written Yes _____ No _____

M2.3 All interior cabinets shall be constructed using ¾ inch cabinet grade plywood.

Will furnish section as written Yes _____ No _____

M2.4 Exterior module wall skins are to be constructed using minimum .125 aluminum sheets.

Will furnish section as written Yes _____ No _____

M2.5 There shall be a full-length drip rail incorporated into the top cap of the module on all 4 sides that terminates within 4” of the module corners. This drip rail shall be painted the designated job color by this agency.

Will furnish section as written: Yes _____ No _____

M2.6 The area from the front of the module to the front of the rear wheel wells shall incorporate a “drop skirt” construction of 4” on both sides.

Will furnish section as written Yes _____ No _____

M3.0 FLOOR

M3.1 A 4-inch, extruded, brushed aluminum sill plate shall be provided at the rear patient compartment entrance door.

Will furnish section as written: Yes _____ No _____

M3.2 Brushed Pewter anti-skid commercial grade heavy-duty non-porous floor covering will be applied to the entire floor in a one (1) piece application. This commercial inlaid sheet vinyl shall have a minimum of nominal overall thickness of 100 mils. There shall be a 3” roll-up splash guard installed on both sides where the floor meets the wall. A waterproof sealant shall be applied at all edges to prevent liquids from seeping beyond the floor covering. Color of the floor will be agreed upon during the pre-build meeting

Will furnish section as written Yes _____ No _____

M4.0 ENTRANCE DOORS

M4.1 Hinges shall be continuous for the full height of each door and constructed of 16 gauge stainless steel with .250” diameter stainless steel pin. All fasteners used to secure the door to the door frame must have threaded nuts attached in place to the door frame.

Will furnish section as written: Yes _____ No _____

M4.2 All gaskets shall be installed and glued in a manner that prevents damage from equipment, stretcher loading, and personnel traffic. They shall provide an environmental seal against water, dust, and air.

Will furnish section as written: Yes _____ No _____

M4.3 The handles shall be capable of being locked from the inside or outside. Entrance doors and compartments shall be keyed alike.

Will furnish section as written: Yes _____ No _____

M4.4 Each door shall be equipped with an interior stainless steel assist handle.

Will furnish section as written: Yes _____ No _____

M4.5 The lower 1/3 of each patient compartment door on the interior side shall be covered with Red and White chevrons

Will furnish section as written: Yes _____ No _____

M4.6 Access to adjustments for all door latches and striker pins must be provided for ease of maintenance and adjustment.

Will furnish section as written: Yes _____ No _____

M4.7 Latches shall be connected to the door handles by solid stainless steel rods for operation. Cables are not acceptable.

Will furnish section as written: Yes _____ No _____

M4.8 The side patient compartment entrance door will be hinged. A metal trash can bracket will be supplied and mounted to the interior of this door.

Will furnish section as written: Yes ___ No ___

M4.9 A stepwell shall be provided into the patient care area from the side patient compartment door. The stepwell shall be a double stepwell design.

Will furnish section as written: Yes ___ No ___

M4.10 The rear patient compartment entrance doors shall be provided with hold opens that have replaceable nylon or rubber inserts. Bright metal hold opens are not acceptable.

Will furnish section as written: Yes ___ No ___

M4.11 Each exterior compartment shall be equipped with power door locks that shall be controlled by the OEM door lock system. Included with these locks will be a recessed momentary lock/unlock switch located on the curbside wall just rearward of the curbside entry door next to the 15-minute checkout timer switch. There shall also be a "stealth" switch to provide lock/unlock capabilities.

Will furnish section as written: Yes ___ No ___

M5.0 WINDOWS

M5.1 Each rear patient compartment entry door shall have one window constructed of tinted automotive safety plate glass in a fabricated aluminum frame.

Will furnish section as written: Yes ___ No ___

M5.2 Side patient compartment entry door shall have one (1) sliding window of tinted type automotive safety plate in a fabricated aluminum frame.

Will furnish section as written: Yes ___ No ___

M6.0 REAR BUMPER

M6.1 The rear bumper step shall be constructed of a steel box beam. Bolted to the chassis frame and extending the full width of the module. The bumper shall be separated from the ambulance module by .5". Bright aluminum diamond plate, .125", shall cover the bumper step. Open grate grip strut, (48" by 7"), shall be located in the center of the bumper. The bumper shall be a flip-up type.

Will furnish section as written: Yes ___ No ___

M6.2 The bumper shall be reinforced with pontoon style reinforcement for strength and coated with Scorpion or another similar coating.

Will furnish section as written: Yes _____ No _____

M6.3 The bumper shall have Black dock bumpers attached to each side.

Will furnish section as written: Yes _____ No _____

M6.4 A rear kickplate shall be provided across the entire length of the rear of the module body. A Cast, recessed license plate holder shall be provided, centered in the kickplate. An LED license plate light shall also be provided.

Will furnish section as written: Yes _____ No _____

M7.0 EXTERIOR RUB RAIL/STONE GUARDS

M7.1 A protective aluminum rub rail shall be provided at lower module sides, and shall be easily removable and replaceable in case of damage. Rubber will not be acceptable for use as rub rails. Reflective White tape shall be placed in the rub rail for enhanced safety.

Will furnish section as written: Yes _____ No _____

M7.2 A protective stone guard, constructed from diamond plate material shall be placed on each front module corner. The stone guard shall be a minimum of 13" in height.

Will furnish section as written: Yes _____ No _____

M8.0 FENDERETTES

M8.1 Fenderettes shall be provided and secured to the body with stainless steel screws. Plastic or rubber fenderettes will not be acceptable.

Will furnish section as written: Yes _____ No _____

M9.0 EXTERIOR COMPARTMENTS

M9.1 All exterior compartment doors shall feature removable inner panels for ease of maintenance and adjustment. All removable panels will be secured to the door frame with screws using threaded inserts on the door frame.

Will furnish section as written: Yes _____ No _____

M9.2 All exterior compartment door gaskets shall be installed and glued in a manner that prevents damage from equipment, personnel, etc. They shall provide an environmental seal against water, dust, and air.

Will furnish section as written: Yes _____ No _____

M9.3 LED rope lighting shall be installed in all outside compartments across the top and both sides just inside the compartment opening and shall be activated by a door switch.

Will furnish section as written: Yes _____ No _____

M9.4 All compartment door handles shall be key-lockable from the outside. All doors, door latches, and hardware shall comply with FMVSS 206 and AMD Standard 002. Latches shall be connected to the handles by solid stainless steel rods for operation. Cables are not acceptable. All compartment and entrance doors shall be keyed alike.

Will furnish section as written: Yes _____ No _____

M9.5 All exterior compartments shall have adjustable shelves as outlined in the included drawings.

Will furnish section as written: Yes _____ No _____

M9.6 All exterior compartment floors and shelves shall be covered with a removable Dry-Deck rigid type decking, or equivalent.

Will furnish section as written: Yes _____ No _____

M9.7 All exterior compartment doors shall be equipped with bolted in place, gas-filled, extension actuators allowing for the doors to open far enough for a clear opening to the full width of the compartment opening.

Will furnish section as written: Yes _____ No _____

M9.8 Stainless steel sill protectors shall be provided above each exterior compartment.

Will furnish section as written: Yes _____ No _____

M9.9 Compartments will be configured as specified in provided drawings.

Will furnish section as written: Yes _____ No _____

M9.10 The front curb-side compartment (inside/outside) and the front street-side compartment (oxygen compartment) are to be sweep-out design floors. All other exterior compartments are to have 3" drop down floor.

Will furnish section as written: Yes _____ No _____

M10.0 OXYGEN COMPARTMENT

M10.1 The oxygen compartment shall be located at the streetside front of the module. Will furnish section as written: Yes _____ No _____

M10.2 A Zico electric QR-MV oxygen cylinder lift shall be provided..

Will furnish section as written: Yes_____No_____

M10.3 A cylinder changing wrench shall be furnished, chained, and clipped within the oxygen cylinder compartment.

Will furnish section as written: Yes_____No_____

M10.4 An access door shall be provided from module interior to oxygen bottle storage compartment. Door shall be made of 3/16” clear acrylic and located so bottle may be turned on or off.

Will furnish section as written: Yes_____No_____

M10.5 A shelf shall be installed across the entire compartment at least 53 inches from the floor (this shelf is not illustrated in the drawings).

Will furnish section as written: Yes_____No_____

M10.6 A 13.5 inch wide recessed bin “dogleg” to accommodate a FERNO track stair chair shall be provided with a minimum depth of 21” if the entire width of the compartment does not meet this minimum depth requirement.

Will furnish section as written: Yes_____No_____

M11.0 BACKBOARD COMPARTMENT

M11.1 The compartment designated as the backboard compartment shall be located at the street side of the module and be capable of storing a minimum of five (5) backboards. Minimum width of this compartment shall be 37.5”.

Will furnish section as written: Yes_____No_____

M11.2 The door must clear the compartment opening for ease of placement and/or removal of backboards and other equipment from backboard compartment storage area.

Will furnish section as written: Yes_____No_____

M11.3 A horizontal aluminum bar will be attached at the top of the compartment, to prevent backboards from falling out of the compartment.

Will furnish section as written: Yes_____No_____

M11.4 A divider shall be installed from top to bottom 15 inches from rear of compartment. Two adjustable shelves shall be provided on the forward side of the divider that will adjust within 24 inches of the top and bottom of the compartment.

Will furnish section as written: Yes_____No_____

M12.O CABINETS

M12.1 Cabinets shall be soundproofed and have 3/16” thick clear acrylic doors. Example Drawing included. All Cabinetry shall be finalized in the pre build meeting.

Will furnish section as written: Yes____No____

M12.2 Full length anodized aluminum extruded door handles shall be provided on all Plexiglas cabinet openings. Finger holes, chrome handle pulls, and plastic tab type opening devices shall not be permitted.

Will furnish section as written: Yes____No____

M12.3 There shall be one (1) adjustable shelf for every cabinet, unless otherwise noted.

Will furnish section as written: Yes____No____

M12.4 Interior cabinetry shall include cabinetry located above the right side work area.

Will furnish section as written: Yes____No____

M12.5 The frame of all upper band cabinets shall be hinged with full length, piano hinge on top, and have pneumatic hold opens on each side, with one (1) interior positive catch bottom center. This shall enable the entire face frame with sliding acrylic door to be opened easier for cleaning and restocking of the cabinet.

Will furnish section as written: Yes____No____

M12.6 The desired interior cabinetry is shown in the attached drawings except as specified. These will be finalized at the prebuild meeting. (PLEASE SEE DRAWINGS FOR GENERALIZED CABINETSRY LAYOUT)

Will furnish section as written: Yes____No____

M12.7 A cabinet with a push button lockable latch utilized for controlled substance storage shall be installed on the curb side action area shelving. To be finalize at the pre-build meeting.

Will furnish section as written: Yes____No____

M12.8 Two cabinets with pull-out drawers as illustrated in the drawings will be supplied in the bulkhead walk-thru area under the access window between the cab and module. Each drawer shall be supplied with a push button lockable style latch and will be used for crew storage of personal items. There shall be a countertop on cabinet with Light Gray color to match the rest of the interior cabinetry.

Will furnish section as written: Yes____No____

M12.9 The curbside action area shall be equipped with a modified bench seat area. The bench seat shall incorporate two (2) seat belt mechanisms and also be supplied with a drop down backrest allowing for a space to transport a second patient. Seat belts shall be provided for

securing the second patient to this transport area (see drawing).

Will furnish section as written: Yes___ No___

M13.O CEILING GRAB RAIL

M13.1 Ceiling grab rail (s) shall run the full length of the module body, be installed along the **centerline of the stretcher location**, and be installed according to the current Federal Ambulance KKK Specification and AMD Standard 008.

Will furnish section as written: Yes___ No___

M14.O HEATING, AIR CONDITIONING, VENTILATION

M14. 1 Thermostat control for the heat and air conditioning system in the patient compartment shall be integrated into the rear V-Mux Vista system display screen.

Will furnish section as written: Yes___ No___

M14.2 The system shall automatically maintain the set module temperature every time the vehicle is operated. The combo air conditioning /heating shall be located in the top of the right front cabinet and be ducted to a plenum in the liner with eight air ducts, (4) each side.. The system shall external condensers mounted on the front of the module to increase the efficiency of the system. The condensers shall incorporate a custom housing designed to hold a Hoseline condenser on the front of the module and allow for additional lighting mounted on the housing. The housing shall measures 65.38 inches along the rear (box side) and 40.5 inches on the forward facing side. The housing is 12.38 inches deep by 9 inches high. There are two Angled portions to allow for additional lighting for intersection clearing 17.55 inches by 9 inches at an approximate angle of 45 degrees. The condensers shall be Hoseline 2050D. They shall provide 2948 CFM of air flow across the condenser cooling coils with four 12VDC fans and provide 50,000 BTU's of cooling for the 12V side.

Will furnish section as written: Yes___ No___

M15.0 RUNNING BOARDS

M15.1 Running boards shall be of the bright aluminum diamond treadplate type, with fully welded seams, bolted to underbody for ease of repair and/or replacement. Running boards will also incorporate an open slot design that provides traction in addition to drainage for water.

Will furnish section as written: Yes___ No___

M16.O SHORELINE POWER

M16.1 The 110V shoreline power system shall include the following: a 110 VAC to 12 VDC power converter, an adequate ground fault interrupt circuit breaker; and four (4) lighted hospital grade duplex receptacles mounted in locations in the module finalized at the pre-build meeting . One (1) will be located on the streetside wall, two (2) will be

located on the curbside wall, one (1) will be located in the RF cabinet above the upper shelf and one (1) will be located above the countertop in the bulkhead walk-thru area.

Will furnish section as written: Yes _____ No _____

M16.2 One Kussmaul 20 AMP. Automatic shoreline disconnect shall be installed on the streetside of the module as far forward as possible.

Will furnish section as written: Yes _____ No _____

M16.3 An access panel shall be provided for access to the shoreline disconnect. This panel shall be large enough to provide access for easy installation and removal of the unit.

Will furnish section as written: Yes _____ No _____

M16.4 A DC to AC inverter shall be provided in conjunction with the onboard 115 volt AC wiring system. The device furnished shall be capable of continuously delivering at least 1000 watts AC power. The installation shall include an "ON-OFF" switch to activate the device. This switch shall be integrated into the V-Mux Vista system display and labeled with the following: "115 VOLT AC Inverter."

Will furnish section as written: Yes _____ No _____

M17.0 GENERAL ELECTRICAL

M17.1 The electrical system shall be a Weldon V-MUX multiplex electrical system.

Will furnish section as written: Yes _____ No _____

M17.2 There will be Vista display screens mounted in the cab and the curbside action area in the patient compartment. Finalization of this shall be finalized at the pre-build meeting.

Will furnish section as written: Yes _____ No _____

M17.3 All wiring harnesses shall not be spliced but rather one piece of continuous wire, and shall be sufficiently rated to carry not less than 125% of the maximum circuit load, with each "color-coded" wire permanently "function" identified every four (4) inches, for easy identification anywhere in the ambulance.

Will furnish section as written: Yes _____ No _____

M17.4 All chassis to module wiring connections shall be secured with closed end terminals, fastened to screw-on binding posts. Multi-pin type connectors or harnesses are not acceptable. There will be no exceptions allowed.

Will furnish section as written: Yes _____ No _____

M17.5 There shall be a Safety Vision 360 degree camera system installed on the unit. The unit shall incorporate a 7" LED Monitor with five (5) camera input and five (5) triggers, day/night

color cameras, 64GB SD DVR system, power and sensor harness and include all hardware and mounting equipment. Camera placement shall be one (1) on the rear of the unit, one (1) side view camera on each front fender, one (1) camera in the patient care module above the rear doors and one (1) forward facing windshield mount camera in the cab interior. The forward facing windshield mount camera shall include voice recording.

Will furnish section as written: Yes _____ No _____

M17.6 There shall be a FireComm #5200 Digital Intercom two-person wireless intercom system with radio interface. Two (2) FireComm #FHW-51 wireless over-head style headsets with radio and intercom transmit/receive, two (2) FireComm #520-0676-0 headset hanger hooks and two (2) #MR-XX radio interface cables shall be included in the system. Customer will supply radio manufacturer and model numbers at time of pre-build construction meeting.

Will furnish section as written: Yes _____ No _____

M17.7 There shall be a dual USB port located in the cab on the custom console.

Will furnish section as written: Yes _____ No _____

M18.O WARNING EQUIPMENT

M18.1 The ambulance shall be equipped with the following warning equipment:
The warning light system shall incorporate a sequential relay so that when the Emergency Master switch is activated the warning lights will not all activate at once, but rather activate in a staged or staggered sequence to act as a power surge protector. The sequence shall be reversed when the Emergency Master switch is shut off. Master emergency warning light system shall be operated thru switches on the console.

Will furnish section as written: Yes _____ No _____

M18.2 The front emergency lights (All lenses shall be Clear):
Seven (7) Code 3 7x9 LED lights with Chrome flanges shall be placed on the upper portion of the front of the module body. One (1) light, located in the Center of the condenser housing, will be Clear in color w/Clear lens. The other six (6) lights will be split Red/Blue LED's w/Clear lens. Two (2) of the lights shall be located on the front facing portion of the condenser housing, one (1) on each side of the Clear light. Two (2) of the lights will be located on the 45 degree angle portion of the condenser housing and the remaining two (2) lights will be placed on the front of the module in the upper outer corners (see drawing).

All lights will be wired Primary/Secondary with the exception of the Center Clear light which will be switched Primary only.

Flash patterns will be determined at time of pre-build conference.

Will furnish section as written: Yes _____ No _____

M18.3 The rear lights (All lenses shall be Clear):

Five (5) Code 3 7x9 LED lights with chrome flanges shall be placed on the rear

of the module. One (1) light, located in the center of the module above the rear doors will be an Amber LED w/Clear lens, two (2) lights will be split Red/Blue LED w/Clear lens and be placed in the upper outer corners on the rear of the module. Two (2) LED lights will be Red LED w/clear lens and located in the mid outer position to show through the rear door windows when the doors are in the open position. These lights shall also be wired into the brake light circuit to activate steady burn when the vehicle brakes are applied (see drawing).

The Center Amber LED will be wired Primary only. All remaining rear warning lighting will be wired Primary/Secondary.

Flash patterns will be determined at time of pre-construction conference.

Will furnish section as written: Yes ___ No ___

M18.4 Four (4) Code 3 7x9 split Red/Blue LED lights with Clear lens and chrome flanges shall be provided and installed as follows. Two (2) on each upper side corners of the Modular body. (See drawing).

Will furnish section as written: Yes ___ No ___

M18.5 Four (4) Code 3 LED X Series 5x2 lights with chrome flange shall be mounted in the grille housings. Two (2) shall be Red w/Clear lenses and two (2) shall be Blue w/Clear lenses (see drawing).

All shall be wired Primary/Secondary.

Will furnish section as written: Yes ___ No ___

M18.6 Flashing lights shall be powered by electronic flashers. A mechanical flasher is not acceptable.

Will furnish section as written: Yes ___ No ___

M18.7 There shall be six (6) Code 3 3x7 LED lights with chrome flange as follows. Two (2) on each side front fender area and two (2) each side at rear wheel well(see drawing). One (1) light on each front fender and the light above each rear wheel well will be split Red/Blue with Clear lens and one (1) light on each front fender will be split Red/Clear with clear lens.

All shall be wired Pimary/Secondary.

Will furnish section as written: Yes ___ No ___

M18.8 Six (6) Code 3 7x9 LED side scene lights with chrome flange shall be provided. Three (3) of these shall be mounted on each side of module, one (1) at the upper forward side of module, one (1) in the middle upper portion of each side of the module and one (1) at the upper rear side of module. (See attached drawings.) The scene lights on the curb side of the module will illuminate when the module side entry door is opened.

Will furnish section as written: Yes ___ No ___

M18.9 Two (2) Code 3 7x9 LED scene lights with chrome flanges shall be provided. Placement shall be on the upper rear of the module, one (1) on each side of the center Amber light to be used as load lights. These lights shall activate upon opening of the rear doors and also activate any time the unit is placed in reverse gear to serve as additional backup lighting.

Will furnish section as written: Yes ___ No ___

M18.10 Brake/tail/turn/backup lighting on the rear of the module shall incorporated into a combined housing with LED lighting for all functions and shall include integrated sequential turn arrows. Position of this assembly shall be outer lower on each side of the rear of the module.

A secondary LED sequential turn arrow shall be provided on each side of the module directly above the Red LED lights in the outer mid positions positioned to show through the rear door windows when the doors are in the open position.

All of the above equipment shall comply with the current Federal Ambulance KKK Specification.

Will furnish section as written: Yes ___ No ___

M18.11 The ambulances shall be equipped with an electronic dual tone siren. Two (2) 100 watt speakers shall be installed outside the vehicle. Siren amplifier speaker (s) shall be installed under the front bumper. The system as installed shall meet the minimum requirements of Federal Specification KKA-1822E. The siren shall change or sequence siren tones when the steering wheel horn button is pressed. It will also come with a PA attachment with a microphone.

Will furnish section as written: Yes ___ No ___

M18.12 A Buell 5440 air horn system shall be installed with two horns. The compressor shall be mounted in the middle street side compartment on a shelf with an expanded wire mesh protective cage.

Will furnish section as written: Yes ___ No ___

M19.O MODULE LIGHTING

M19.1 Manufacturer shall provide detailed specifications and drawings of module interior and exterior lighting types, locations, quantities, controls, etc. These shall be finalized in the pre build meeting.

Will furnish section as written: Yes ___ No ___

M19.2 The patient compartment lighting shall consist of the following:
A minimum of seven (7) dual intensity LED dome lights, four (4) of the LED dome lights will be placed on the street side of the patient compartment and three (3) of the LED dome lights will be placed on the curb side of the patient compartment. Placement shall be

finalized during the pre-build meeting.

Will furnish section as written: Yes _____ No _____

M19.3 The dome lights shall automatically come on when either the rear or side entry door is opened.

Will furnish section as written: Yes _____ No _____

M19.4 All lights shall also be activated or deactivated, by selections in the VMUX system.

Will furnish section as written: Yes _____ No _____

M19.5 The street side bank of LED dome lights shall also be operable from a 12 VDC timer. This timer shall operate the interior lighting when the "Module Disconnect" switch is in the off position. This timer shall have a time of fifteen minutes. The timer shall be located in the area of the curbside entry door.

Will furnish section as written: Yes _____ No _____

M19.6 The side entry stepwell shall be illuminated by an LED light.

Will furnish section as written: Yes _____ No _____

M20.O ISOLATED 12V OUTLETS

M20.1 The patient compartment shall be equipped with four (4) 12 VDC type outlets. These shall be located in the following:

These 12 VDC outlets shall remain energized at all times. Removable type outlet covers shall be provided for these receptacles when not in use. The plugs shall be protected by a separate 20 ampere circuit breaker. One (1) shall be located on the streetside wall, two (2) shall be located on the curbside wall and one (1) shall be located in the RF cabinet next to the 120V duplex outlet.

Will furnish section as written: Yes _____ No _____

M21.O CURBSIDE WORK AREA

M21.1 The curbside wall shall house the technician's console, one (1) oxygen outlet, two (2) lighted 110 VAC duplex outlets located as specified and two (2) 12 VDC outlets mounted next to the 110 VAC outlet as described in the drawing. This action area will be finalized during the pre-build meeting.

Will furnish section as written: Yes _____ No _____

M21.2 An angled master control switch panel shall be placed in the forward area of the curbside action area in the upper position and shall house the V-Mux control screen.

Will furnish section as written: Yes _____ No _____

M21.3 A panel space will be provided just under the custom angled console for a radio.

Will furnish section as written: Yes _____ No _____

M22.O STREETSIDE WALL AREA

M22.1 The streetside wall shall contain an oxygen outlet, one (1)120V duplex outlet and one (1) 12vdc outlet.

Will furnish section as written: Yes ___ No _____

M23.O DRIVER'S COMPARTMENT/CONSOLE

M23.1 Master emergency warning light system and all secondary systems shall be operated thru the front V-Mux panel.

Will furnish section as written: Yes _____ No _____

M23.1.1 The control panel shall switch the following,

1. Left Flood Lights
2. Right Flood Lights
3. Rear Load Lights
4. Horn/Siren
5. Emergency Master Switch
6. Flashers
7. Front Lights
8. Rear Lights

Will furnish section as written: Yes _____ No _____

M23.2 The driver's compartment console shall also contain the following instruments, warning lights, and warning equipment:

1. Siren Control Head
2. Outside Compartment Door Ajar Light (Yellow Flashing)
3. Module Entry Door Ajar Light (Red Flashing)
4. Radio with pre wired 12 volt power and coax radio antenna

Will furnish section as written: Yes _____ No _____

M23.3 One (1) "NO SMOKING OXYGEN EQUIPPED" and "FASTEN SEATBELT" sign shall be installed in the driver's compartment in a prominent location.

Will furnish section as written: Yes _____ No _____

M24.0 DRIVER COMPARTMENT - MODULE OPENING

M24.1 An opening from cab to module shall be provided. No door shall be provided for this opening.

Will furnish section as written: Yes _____ No _____

M25.0 RADIO / MOBILE PHONE PROVISIONS

M25.1 Provision shall be made to accommodate up to three (3) antennas on the roof area, with access panel (s) provided in the module. RG58U coaxial cable shall be installed from identified roof ports. Two (2) shall terminate in the cab. One (1) shall terminate in the custom angled console on the curbside wall of the module. Thirty six inches (36”) of cable shall be left on these for ease of use after delivery.

Will furnish section as written: Yes _____ No _____

M25.2 There shall be two speakers installed in the patient compartment ceiling connected to the chassis stereo system. There shall be a volume control switch located on the curbside action area wall close to the custom angled cabinet.

Will furnish section as written: Yes _____ No _____

M26.0 PRIMARY OXYGEN SYSTEM

M26.1 The primary oxygen system shall be a hospital type piped oxygen system, with all tubing connections crimped. One (1) Ohio type flush mounted, quick release oxygen receptacles shall be installed on the streetside wall, one (1) Ohio type flush mounted, quick release oxygen receptacle shall be installed on the ceiling over the patient at the head of the stretcher, and one Ohio type flush mounted, quick release oxygen receptacle shall be installed on the curbside wall within reach of the patient care seat. The primary oxygen system design and performance shall comply with the current Federal Ambulance KKK Specification. It shall also be tested and tagged in accordance with this specification.

Will furnish section as written: Yes _____ No _____

M27.0 PRIMARY ASPIRATOR SYSTEM

M27.1 A heavy duty 12 volt electric vacuum pump shall be installed, and controlled by the V-Mux control at the curbside wall area. An engine vacuum or manually operated system is not acceptable.

Will furnish section as written: Yes _____ No _____

M27.2 An Ohio type flush mounted, vacuum receptacle shall be installed on the curbside

wall and pull out drawer. System shall include an adapter, vacuum gauge, regulator with barbed outlet, and a collection system. System performance shall comply with the current Federal Ambulance KKK Specification. The suction equipment (vacuum outlet, aspirator bottle) shall be mounted recessed in the left wall beneath the front drawer.

Will furnish section as written: Yes _____ No _____

M28.O CURBSIDE CARE AREA

M28.1 There shall be a two-person bench seat located on the curb side treatment area. The bench seat shall be supplied with a drop down backrest and two (2) attendant restraint devices.

There shall be a custom countertop forward of the bench seat area. The area under the custom countertop will be utilized to house the suction in a pull-out drawer in addition to a sharps/trash container forward of the pull out suction drawer (see drawings).

There will also be a custom countertop rearward of the bench seat area. This countertop will be supplied with a hinged Plexiglass lid and contain a storage area inside of the lid.

The area of the forward and rearward countertops and the bench seat when the drop down backrest is lowered will be utilized as an area to transport a second patient on a backboard. Seat belts shall be supplied to secure this second patient as required by KKK.

Other drawer and cabinet layout shall be as in supplied drawings.

Will furnish section as written: Yes _____ No _____

M29.O STREETSIDE CARE AREA

M29.1 There will be an alternate layout on the street side wall in lieu of the standard design.

Seating will be provided for three (3) people. The most rearward seat will be a single wide seat cushion with flip up seat for storage underneath. Forward of that single seating base will be a double seat cushion. This will be a fixed seat cushion with custom drawers located under the seating area. Separate back and headrests will be provided for each seating position and will include three (3) three-point restraint devices.

Cabinetry for the street side layout will include one (1) cabinet rearward of the seating positions in the upper portion of the wall area. This cabinet will be approximately 10”H x 20”W x 8”D. It will have a “restocking” feature.

Forward of the seating positions will be a stacked three (3) cabinet module. The cabinets will be each be approximately 16.5”H x 38”W x 16”D.

There will also be a fold down counter just rearward of the rear seat.
(see drawing)

Will furnish section as written: Yes _____ No _____

M30.0 TECHNICIANS SEAT

M30.1 A rear facing high back seamless bucket seat with integrated Child seat shall be positioned at the head of the cot. This seat shall have one self retracting, autolock style seat

belt conforming to federal F.M.V.S.S. standards. Color to be Gunmetal Gray

Will furnish section as written: Yes ___ No ___

M31.0 ALS COMPARTMENT (IN-OUT)

M31.1 The outside minimum opening shall be 36 inches and include two adjustable shelves.

Will furnish section as written: Yes ___ No ___

M31.2 There shall be a cargo net installed with quick disconnect buckles covering the opening to the storage space from the inside of the compartment.

Will furnish section as written: Yes ___ No ___

M32.0 STRETCHER / ONE MAN COT

M32.1 A Ferno POWERflexx+ 12 volt cot will be supplied with the ambulance. It will include an ICS (integrated charging system) and model 5133 IV pole.

Will furnish section as written: Yes ___ No ___

M33.0 IV HOLDERS

M33.1 Two (2) flush mounted IV holder shall be mounted on the ceiling 42 inches forward from the rear doors. Holders shall be mounted out of the walking area to prevent interference with the movement of personnel. The fold down bag/bottle holders shall be heavy duty rubber and not metal to avoid injury to attendant.

Will furnish section as written: Yes ___ No ___

M33.2 One (1) Perko style clip with Velcro IV holder shall be installed on the streetside wall between the top stacked cabinet and the oxygen outlet.

Will furnish section as written: Yes ___ No ___

M34. INSULATION

M34.1 A "Severe Duty" insulation package shall be provided. The exposed walls of the exterior compartments and wheel wells that intrude into the interior of the modular shall be covered with reflective insulating material with a value of R-14. The side, front, rear, walls as well as the ceiling shall be insulated with a one inch block foam beneath a full covering of reflective insulation. In addition, spray foam insulation shall be installed under the aluminum floor moisture barrier and between the floor structures.

Will furnish section as written: Yes ___ No ___

M35.0 PAINT

M35.1 Module body exterior shall be according to customer supplied paint codes.

Will furnish section as written: Yes ___ No ___

M35.2 General paint design will be two-tone cab, Black over Red. The module body will be three-tone with the roof being White. The sides of the module body will be Black over Red with Black being approximately the upper 18 inches of module body. Specific paint breaks and paint codes will be provided at time of pre-build conference.

Will furnish section as written: Yes ___ No ___

M36.O DECALS AND LETTERING

M36.1 A standard Star of Life and AMBULANCE decal package shall be provided in accordance with the current Federal Ambulance KKK Specification.

Striping shall consist of a 4" Black Ghost reflective stripe down the entire unit with a 1" Black Ghost accent above and below the 4" stripe. Lettering shall consist of "St. Louis Fire Department" above "Emergency Medical Services" on each side and rear of the module body. "Medic XX" will also be located on both sides of the module body and rear. Lettering is to be reflective simulated Gold Leaf with Black border. Final lettering placement to be determined at time of pre-construction conference.

Will furnish section as written: Yes ___ No ___

M37.O MISCELLANEOUS

M37.1 A 12 VDC Intellitec digital clock be provided and placed centered above the rear door in the patient compartment.

Will furnish section as written: Yes ___ No ___

M37.2 Two (2) Ferno #521 Cylinder holders will be supplied and installed in the recessed cutout in the curbside entry door stepwell for storage of two (2) D oxygen tanks.

Will furnish section as written: Yes ___ No ___

M37.3 All counters in the patient module will be poured Gray in color.

Will furnish section as written: Yes ___ No ___

M37.4 All upholstery in the patient module will be seamless and Gunmetal Gray in color.

Will furnish section as written: Yes ___ No ___

M37.5 Five (5) glove box holders shall be supplied. Placement will be three (3) above the curbside entry door and two (2) above the rear entry doors, one on each side of the clock.

Will furnish section as written: Yes ___ No ___

M37.6 All DOT lighting to be LED.

Will furnish section as written:

Yes _____ No _____

M37.7 Mobile Computer with docking capabilities. A Dell Latitude 10 st2e tablet with two (2) Dell Latitude Productivity Docks (front and rear) and Kensington KeyFolio Bluetooth keyboard/case will be provided. Final placement will be determined at time of pre-construction conference.

Will furnish section as written:

Yes _____ No _____

M37.8 A Smithworks IV warner will be provided. Installation location will be determined at time of pre-construction conference.

Will furnish section as written:

Yes _____ No _____

M38.0 FRONT BULKHEAD CABINETS

M38.01 The area over the pass through on the front bulkhead shall split between a storage cabinet with a flip up Plexiglass door and electrical access door.

Will furnish section as written:

Yes ____ No _____

M39.0 OPTIONAL EQUIPMENT

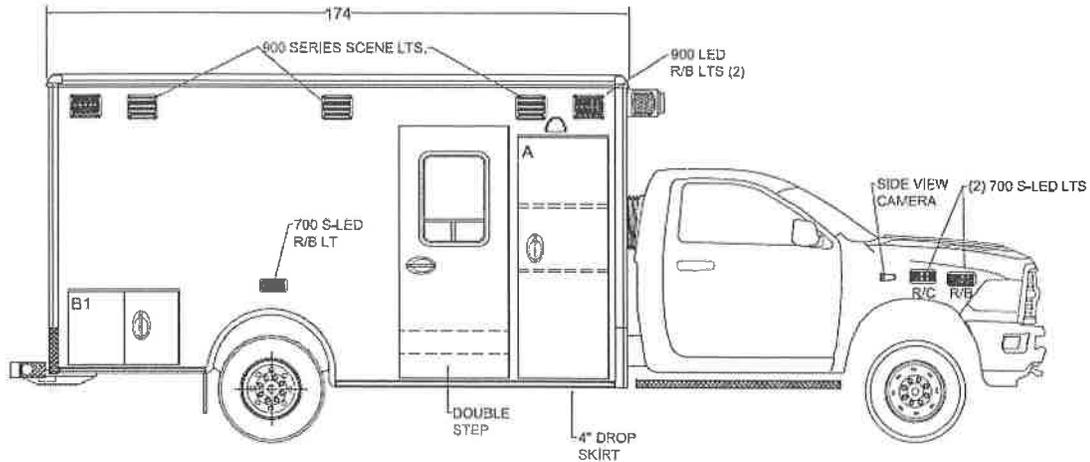
M39.01 A Lumalier Model ADU-136 Air and Surface Disinfection Package shall be supplied with the element mounted in the center of the module head-liner. The control panel shall be mounted at a location to be determined at the time of the pre-construction conference.

Price for Optional Equipment \$ _____

CA150365

ST. LOUIS FIRE DEPT.
3 OF 9

174 x 95 x 72



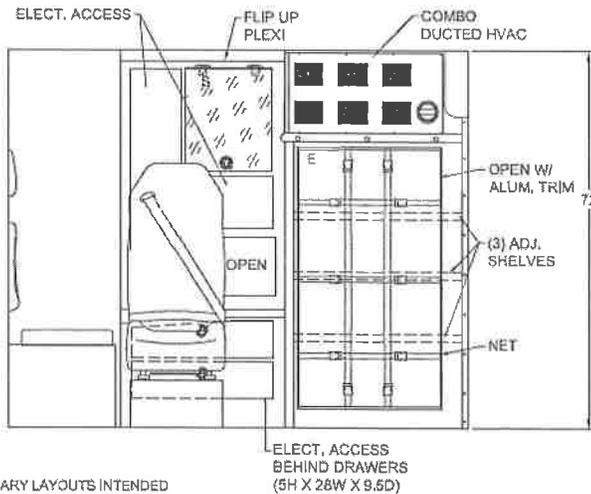
EXTERIOR COMPARTMENT DIMENSIONS IN INCHES											
INTERIOR DIMENSIONS				JAMB OPENING		INTERIOR DIMENSIONS				JAMB OPENING	
COMPT.	HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH	COMPT.	HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH
A				69.50	27.25						
B1	22.25	36.00	17.00	19.25	32.50						
50" AISLE SPACE REV. 1/15/15 L/JG						BE ADVISED THAT THESE ARE PRELIMINARY LAYOUTS INTENDED TO ILLUSTRATE DESIGN INTENT AND DIMENSIONS ARE FOR REFERENCE ONLY PRIOR TO FINAL ENGINEERING					

TYPE 1 DODGE 4 x 4
RIGHT EXTERIOR
DATE: 12/23/14
DRAWN BY: L/JG CA150365

CA150366

ST. LOUIS FIRE DEPT.
4 OF 9

174 x 95 x 72



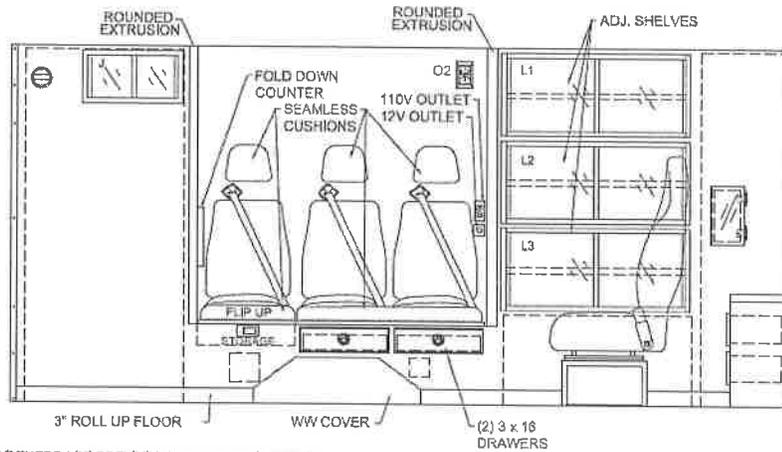
BE ADVISED THAT THESE ARE PRELIMINARY LAYOUTS INTENDED TO ILLUSTRATE DESIGN INTENT AND DIMENSIONS ARE FOR REFERENCE ONLY PRIOR TO FINAL ENGINEERING

INTERIOR CABINET DIMENSIONS IN INCHES							
CABINET	HEIGHT	WIDTH	DEPTH	CABINET	HEIGHT	WIDTH	DEPTH
E1	49.50	33.50	27.00				
S	19.00	15.00	5.00				
50" AISLE SPACE				TYPE 1 DODGE 4 x 4 BULKHEAD INTERIOR			
				DATE: 12/23/14 DRAWN BY: L/JG CA150366			

CA150367

ST. LOUIS FIRE DEPT.
5 OF 9

174 x 95 x 72



BE ADVISED THAT THESE ARE PRELIMINARY LAYOUTS INTENDED TO ILLUSTRATE DESIGN INTENT AND DIMENSIONS ARE FOR REFERENCE ONLY PRIOR TO FINAL ENGINEERING

INTERIOR CABINET DIMENSIONS IN INCHES								TYPE 1 DODGE 4 x 4 LEFT INTERIOR
CABINET	HEIGHT	WIDTH	DEPTH	CABINET	HEIGHT	WIDTH	DEPTH	
J	10.00	20.00	8.00					
L1/L2/L3	16.50	38.00	16.00					

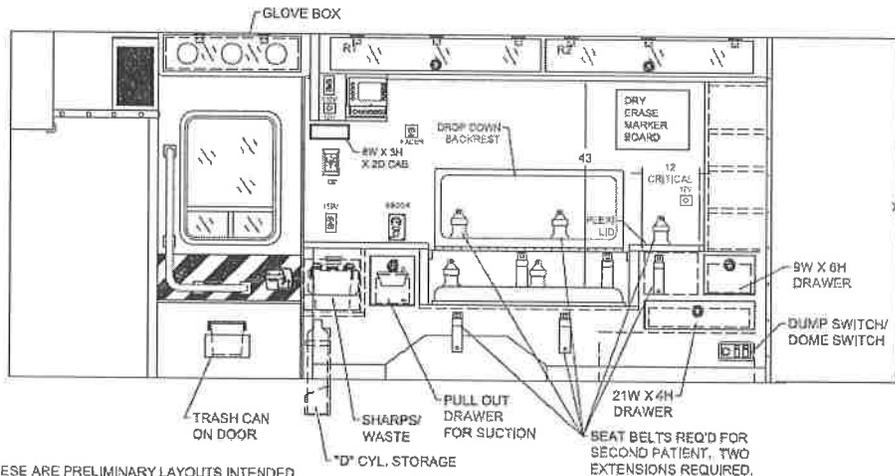
50" AISLE SPACE

DATE: 12/23/14
SCALE:
DRAWN BY: LIG
REV. NO: CA150367

CA150368

ST. LOUIS FIRE DEPT.
6 OF 9

174 x 95 x 72



BE ADVISED THAT THESE ARE PRELIMINARY LAYOUTS INTENDED TO ILLUSTRATE DESIGN INTENT AND DIMENSIONS ARE FOR REFERENCE ONLY PRIOR TO FINAL ENGINEERING

REV. 1/15/15 L/JG

INTERIOR CABINET DIMENSIONS IN INCHES								TYPE 1 DODGE 4 x 4 RIGHT INTERIOR
CABINET	HEIGHT	WIDTH	DEPTH	CABINET	HEIGHT	WIDTH	DEPTH	
R1/R2	7.00	43.50	8.00					

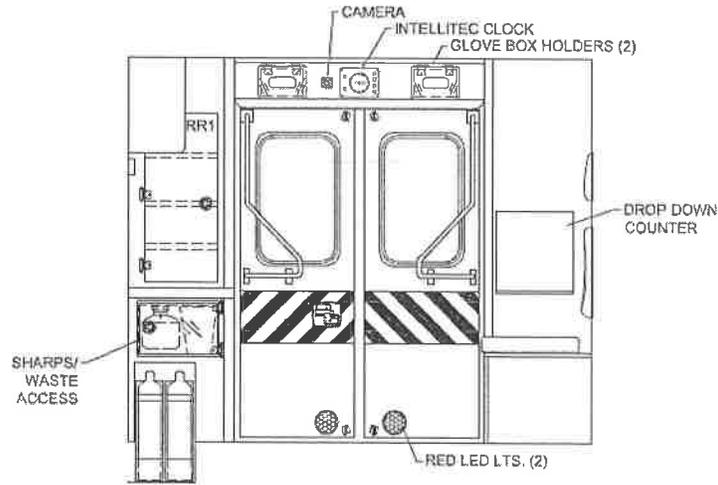
50" AISLE SPACE

DATE: 12/23/14
SCALE:
DRAWN BY: L/JG
REV. NO: CA150368

CA150369

ST. LOUIS FIRE DEPT.
7 OF 9

174 x 95 x 72



BE ADVISED THAT THESE ARE PRELIMINARY LAYOUTS INTENDED TO ILLUSTRATE DESIGN INTENT AND DIMENSIONS ARE FOR REFERENCE ONLY PRIOR TO FINAL ENGINEERING

INTERIOR CABINET DIMENSIONS IN INCHES

CABINET	HEIGHT	WIDTH	DEPTH
RR1	33.00	15.00	10.00

TYPE 1 DODGE 4 x 4
REAR BULKHEAD INTERIOR

DATE 12/23/14

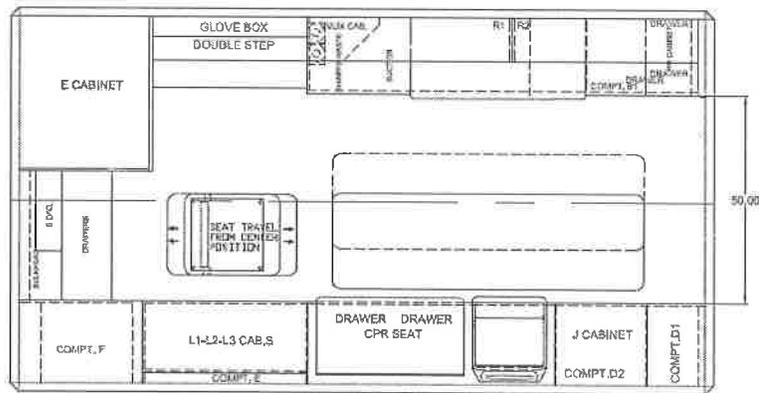
DRN BY L/JG

FIG NO CA150369

CA150370

ST. LOUIS FIRE DEPT.
8 OF 9

174 x 95 x 72



BE ADVISED THAT THESE ARE PRELIMINARY LAYOUTS INTENDED TO ILLUSTRATE DESIGN INTENT AND DIMENSIONS ARE FOR REFERENCE ONLY PRIOR TO FINAL ENGINEERING

INTERIOR CABINET DIMENSIONS IN INCHES

CABINET	HEIGHT	WIDTH	DEPTH	CABINET	HEIGHT	WIDTH	DEPTH

TYPE 1 DODGE 4 x 4
FLOOR PLAN

DATE 12/23/14

DRN BY L/JG

SCALE

FIG NO CA150370



CITY OF ST. LOUIS
DEPARTMENT OF FINANCE
OFFICE OF THE SUPPLY COMMISSIONER

CAROL L. SHEPARD, CPA
SUPPLY COMMISSIONER

FRANCIS G. SLAY
MAYOR

1200 MARKET ST RM 324
SAINT LOUIS MO 63103
PHONE 314-622-4580
FAX 314-622-4141

ATTENTION BIDDERS

Please carefully review all information requested in this bid package.

Failure to submit requested samples, literature or any other requested information may result in disqualification of your bid or any portion of your bid.

Also the reasons indicated below may disqualify your bid. If you have any questions, call the buyer indicated in this bid package.

This form must be returned with your bid.

- Two or more bids submitted for one item, unless instructed to do so. (item rejected)
- Signature missing on bid or any required form.
- Buy American Form not completed or returned. (may be rejected)
- M/WBE Form not completed or returned. (may be rejected)
- Altered or erased unit prices must be initialed.
- Faxed bid, unless specifically requested (will be rejected).

- FOR CONTRACTS ONLY: Please provide your DUNS # _____
- FOR CONTRACTS ONLY: Failure to submit required Bond by the date indicated.

I certify that I have read and understand the information above.

Signature

Date

ST. LOUIS DOMESTIC PRODUCTS PROCUREMENT ACT

The City of St. Louis has enacted an ordinance relating to the purchase of domestic products by City government, with penalty provisions. The ordinance amends Section 5.58.010 Revised Code of the City of St. Louis, 1986, as amended by adding thereto new subsections dealing with the requirement that the Supply Commissioner or his designee give preference to goods or commodities manufactured in the United States of America, stating exceptions to said policy. Sections one through six are reprinted below.

Section One. Section 5.58.010 Revised Code of the City of St. Louis is hereby amended by adding the following language: Each solicitation to bid and the method of describing the items to be bid upon of any goods or commodities sought to be purchased by the Office of Supply Commissioner, and any contract entered into by and on behalf of the City of St. Louis and executed by the Mayor and/or the Comptroller of the City of St. Louis wherein the construction, alteration, repair or maintenance of any public works is the subject of the contract so executed, shall contain a provision that the goods or commodities furnished or used in the furtherance of said project by any contractor or subcontractor, manufacturer or supplier as the case may be, shall be manufactured, assembled or produced in the United States, and said requirement as defined above shall be stated in said bid.

Section Two. The provision of Section One of this Ordinance shall not apply in the following instances:

- (i) Where the item purchased as the contract entered into for repairs or renovation is less than One Thousand (\$1,000.00) Dollars.
- (ii) Where no line of a particular good or product is manufactured, assembled or produced in the United States.
- (iii) Where the acquisition of United States manufactured or produced goods would increase the cost by more than (10%) percent.

Section Three. The certificate required by this section shall specify the nature of the contract, the product being purchased or leased, the names and addresses of the United States manufacturers and producers contracted by the Commissioner or the project architect or engineer, and an indication that such manufacturers or producers could not supply sufficient quantities or that the price of the products would increase the cost of the contract by more than ten percent.

Section Four. No public agency may authorize, provide for, or make any payment to any vendor or contractor upon any contract in violation of section 2 of this act. Prior to the awarding of the bid and before any public agency authorizes, provides, or makes payment to any vendor or contractor upon any contract to which section 2 or 6 of this act applies, the vendor or contractor shall provide proof of compliance with section 2, and, if applicable, section 6 of this act. Any vendor or contractor who knowingly misrepresents any material fact to the public agency concerning the origin of any manufactured goods or commodities shall be guilty of a Class A misdemeanor.

Section Five. Sections 1 to 6 of this act shall apply only to contracts and subcontracts entered into after the effective date of this act, and shall not limit the use or supply of manufactured goods or commodities purchased or leased prior to the effective date of this act.

Section Six. Nothing in sections 1 or 6 of this act is intended to contravene any existing treaty, law, agreement, or regulation of the United States. All contracts under section 1 or 6 of this act shall be entered into in accordance with existing treaty, law, agreement, or regulation of the United States including all treaties entered into between foreign countries and the United States regarding export-import restrictions and international trade and shall not be in violation of sections 1 to 6 of this act to the extent of such accordance.

Interpretations and Guidelines

Section One: "Shall be manufactured" is interpreted to mean to make or process a raw material into a finished product or to turn-out in a mechanical manner. "Assembled" is interpreted to mean to fit or to join together the parts, gather, or to congregate in a manufacturing environment. "Produced" is interpreted to mean to create by manual or physical effort, to make or yield to customary product or products.

Section Two (i) This is interpreted to mean less than one thousand dollars in aggregate (total purchases).

(iii) When applying this subsection, multiply the cost of the foreign product by ten percent and compare the cost to the American product. If the American product cost is less than the sum of the cost of the foreign product plus ten percent, the award will be made to the vendor bidding the American product. The price paid by the City of St. Louis will be the actual price bid by the winning bidder.

Section Three: "Could not supply sufficient quantities" is interpreted to mean in order to meet the using agency's delivery schedule and in quantity specified.

Section Four: The vendor's authorized representative must complete a self-certification form, as required by the existing procedures previously indicated. These certification forms will be used to determine whether the manufacturer or producers could, or could not supply sufficient quantities, or the cost of the products would increase the contract by more than ten percent.

Prior to the City awarding the bid, the vendor shall provide certification that the product being bid is manufactured, assembled or produced in the United States or there is an existing treaty, law or regulation whereby the product bid shall be treated the same as product manufactured, assembled or produced in the United States. The procuring agency shall accept the self certification in order to apply the percentage differential that is applicable under this law. Failure to provide certification shall cause the city to presume that such product is not American made and preference shall not be considered for that product.

CERTIFICATION FORM ST. LOUIS DOMESTIC PRODUCTS PROCUREMENT ACT (BUY AMERICAN)

Bidders are advised of legislation enacted by the City of St. Louis which requires all manufactured goods or commodities used or supplied in the performance of this contract or any subcontract to be manufactured, assembled or produced in the United States, unless obtaining American made products would increase the cost of this contract by more than ten percent.

Section Four requires the vendor or contractor to certify his compliance with this legislation and if applicable, Section Six, if preference is claimed.

This legislation does not apply if the total bid is less than one thousand dollars (\$1,000.00).

Bids received will be evaluated on the basis of this legislation. Certificates of compliance must be completed and returned to be considered for preference. Failure to provide certification shall cause the City to presume that such product is not American made.

CERTIFICATION

If all the specified goods or products are manufactured, assembled or produced in the United States, check box at left and complete certification at the bottom of this form.

SECTION SIX CERTIFICATION

If any or all of the specified goods or products are manufactured, assembled or produced in a country other than the "United States", and exemption is requested because such product is Fair Trade Product: (a) list the country, other than the United States, where each good or product you propose to furnish is manufactured, assembled or produced; (b) check box at left of this paragraph and list corresponding commodities and (c) complete Section Six Documentation portion below.

Item Number(s)

Location Where Item Manufactured, Assembled or Produced

SECTION SIX DOCUMENTATION

The specified goods or products are treated as manufactured, assembled or produced in the United States under an existing treaty, law, agreement or regulation of the United States regarding export-import restrictions and international trade. List item Number(s) and Treaties covering item below.

DEFINITIONS

- MANUFACTURED** - to make or process a raw material into a finished product; create, or to produce or to turn-out in a mechanical manner.
- ASSEMBLED** - to fit or join together the parts in a manufacturing environment.
- PRODUCED** - create by manual or physical effort, to make or yield the customary product or products.

MUST BE COMPLETED AND SIGNED

I hereby certify that the above information is true and correct and further certify that this statement complies with all provisions of Section 5.58.010 Revised Code of the City of St. Louis, 1985, as amended.

FIRM NAME: _____

ADDRESS: _____

CITY: _____ **STATE:** _____ **ZIP:** _____

BY: _____

(SIGNATURE and TITLE)

**CITY OF ST. LOUIS/SUPPLY DIVISION
MINORITY/WOMEN BUSINESS ENTERPRISES FORM
(M/WBE FORM)**

A. Mayor's Executive Order #28, Section Six - Supply Contracts

1. The goal of the City of St. Louis is that 25% of the value of all contracts let and purchases made by the Supply Commissioner shall be let or made with Minority Business Enterprises (MBEs) and that 5% of the value of all contracts let and purchases made by the Supply Commissioner shall be let or made with Women's Business Enterprises (WBEs).
2. All contracts let by the Supply Division for the purchase or lease of materials, equipment, supplies, commodities or services, the estimated cost of which exceeds \$500, shall be subject to this goal.
3. The methods by which the Supply Commissioner shall pursue this goal shall include but not be limited to the following:
 - a. The Supply Commissioner shall solicit bids from minority business enterprises and women's business enterprises certified to supply the required materials, equipment, supplies or services;
 - b. St. Louis Airport Authority (SLAA) shall provide the Supply Commissioner with a list of minority business enterprises and women's business enterprises qualified to provide each of those commodities that the Supply Commissioner indicates are required by the City;
 - c. The Supply Commissioner shall notify SLAA prior to solicitation of bids whenever no such qualified businesses are available;
 - d. SLAA shall attempt to identify such qualified businesses, and if successful, shall notify the Supply Commissioner of their availability; and
 - e. The Supply Commissioner shall provide such minority business enterprises and women's business enterprises every practical opportunity to submit bids.
4. Joint ventures or mentor-protégé relationships between prime contractors and subcontractors with local MBE and WBE firms are encouraged.
5. Participation of MBE and WBE firms located outside the St. Louis Metropolitan Statistical Area (SMSA) shall not count toward the goals established in this order.

B. SUPPLY DIVISION POLICY

It is the policy of the Supply Division that all bids/contracts awarded adhere to the Mayor's Executive Order #28. All vendors are encouraged to comply with this policy and all other provisions of Executive Order #28. A copy of Executive Order #28 is available upon request. Each Vendor/Contractor (bidder) must complete, sign and return this M/WBE Form. Failure to complete, sign and return the M/WBE Form will result in the bid being declared non responsive and your bid may be eliminated.

C. OBLIGATION

The bidder agrees to make a good faith effort to ensure that M/WBE businesses have an opportunity to participate in the performance of contracts or subcontracts financed in whole or in part with City funds. The bidder will take all necessary and reasonable steps to ensure that said businesses have an opportunity to compete for and perform under this bid/contract. The bidder shall not discriminate on the basis of race, color, national origin or sex in the award and performance of bids/contracts. The Directory of Disadvantaged, Minority and Women Owned Business Enterprises certified by the City of St. Louis, can be viewed at www.mwdbe.org.

**CITY OF ST. LOUIS/SUPPLY DIVISION
MINORITY/WOMEN BUSINESS ENTERPRISES FORM
(M/WBE FORM)**

D. BID/CONTRACT IDENTIFICATION

Bid #: _____ or Contract Name: _____ Opening Date: _____ Your Bid Total: \$ _____ If your bid is \$500 or higher, please complete Section 'E'. We are NOT requesting information on how your company currently supports M/WBE suppliers. We want to know if there are opportunities you might consider to work with M/WBE suppliers for THIS SPECIFIC bid/contract.

E. ASSURANCE MBE/WBE Goal: 25% MBE and 5% WBE (Minimum Participation)

I, acting in my capacity as an officer of the undersigned bidder(s) if a joint venture, hereby assure the City of St. Louis that on this bid/contract my company will: **(CHECK ONLY ONE)**

Meet or exceed the M/WBE goal with: _____% MBE and _____% WBE Participation

Proposed MBE Vendor Name: _____ Amount \$ _____ Item or materials to be supplied by MBE Vendor: _____ Proposed WBE Vendor Name: _____ Amount\$ _____ Item or materials to be supplied by WBE Vendor: _____

Fail to meet the M/WBE goal, but made a good faith effort to meet the goals as follows:

_____ % MBE and _____ % WBE Participation (Enter Proposed Vendor information above.)

Not meet the M/WBE goal for the following reasons(s):(Check All That Apply)

	Our Company is an MBE certified by the State of: _____
	Our Company is a WBE certified by the State of: _____
	We have contacted suppliers listed in the SLAA Directory but have received no reply
	There are no subcontracting opportunities for this bid/contract
	We are a Dealer and the order will be drop-shipped from the manufacturer to the user
	We are the manufacturer and the order will be drop-shipped from the factory to the user
	A letter of explanation is attached
	Other reason: _____ _____

FIRM NAME: _____	FEDERAL ID NUMBER: _____
SIGNATURE: _____	FAX NUMBER: _____
PRINTED NAME: _____	DATE: _____
TITLE: _____	E-MAIL: _____

ORDINANCE #69431
Board Bill No. 295
Committee Substitute
As Amended

An Ordinance repealing Section One, part 86.040 of Ordinance 56716, pertaining to the opening of bids, codified as Section 5.58.040 of the Revised Code of the City of St. Louis, and enacting a new provision on the same subject matter which allows a local bidder to match the lowest bid when the lowest bid is from a non-local bidder; enacting a new provision on the same subject matter; containing severability clause.

WHEREAS, local businesses which seek to enter into contracts with the City of St. Louis are at a competitive disadvantage with businesses from other areas because of the higher administrative costs of doing business in the City;

WHEREAS, the City of St. Louis desires to encourage businesses to remain in the City and to relocate to the City;

WHEREAS, by enacting a local preference law that allows a local firm to match the lowest bid when its bid is within 2% percent of the lowest bid, the City hopes to encourage and stimulate local business.

BE IT ORDAINED BY THE CITY OF ST. LOUIS AS FOLLOWS:

SECTION ONE. Section One, part 86.040, Ordinance 56716 is hereby repealed.

SECTION TWO. Enacted in lieu thereof is the following new section.

5.58.040 - Opening of bids.

A. Proposals shall be opened at the time and place fixed by the advertisement, in the presence of such bidders as desire to be present, and shall be open to the inspection of bidders.

B. The bids shall not be materially modified or amended as to price, specification or otherwise, nor substitutions placed thereon, after opening except when the lowest bid is from a non-local bidder. When the lowest bid is from a non-local bidder, any local bidder within two percent of the lowest bid may match the lowest bid. If a local bidder matches the lowest bid, then the Supply Commissioner may select the bid from the local bidder. If more than one local bidder is within two percent of the lowest bid, then only the lowest local bidder may match the bid. In all other circumstances, modification, supplementation or amendment shall cause rejection of the bid. For purposes of this chapter, local bidder means a bidder whose principal place of business is within the City of St. Louis, has had a valid business license for at least one year, and is current in payment of local taxes. Principal place of business shall be defined as the business's physical office, plant, or site where a majority (51%) of the full-time employees, chief officer, and managers of the business regularly work and conduct business, or where the plant or office and equipment required for the furnishing of the goods or performance of the services provided to the City, as required by the contract, are physically located in the City of St. Louis for at least one taxable year immediately prior to the date of the bid.

C. Bids may be for one or more or all the articles advertised for, but there shall be a specific bid on each article. The award may be made to the lowest bidder for any article, or to the lowest bidder for the entire requisition or any part thereof, but the Board of Standardization may reject any or all bids or any part of any bid.

SECTION THREE. Severability.

The provisions of this section are severable. If any provision of this ordinance is declared invalid, that invalidity shall not affect other provisions of the ordinance which can be given effect without the invalid provision.

Approved: April 29, 2013

CITY OF ST LOUIS, MISSOURI
INSTRUCTION TO BIDDERS (for request for quotations - RFQs)

VENDORS SHOULD CAREFULLY READ THE FOLLOWING INSTRUCTIONS AND TERMS AND CONDITIONS, BEFORE SUBMITTING QUOTATION. **CAUTION: THIS IS NOT AN ORDER**

- Quotations will only be accepted on this form which must be returned in a **sealed envelope**. *The upper left corner of the envelope must include the following information: Vendor Name, Quotation Number and the Due By Date.* This information is also required on any mail delivered next day or overnight.
- Quotations should be typewritten or in ink. Altered or erased unit price(s) must be initialed. One copy of Quotation Sheet must be submitted, please retain a copy for your files.
- The Supply Commissioner reserves the right to reject any or all bids.
- The Supply Commissioner reserves the right to make awards on an item basis or on a total basis.
- Bidders must quote Unit Price(s) and Extension on each item. When an error appears on an extension, the Unit Price(s) will govern.
- When Quotation Sheet requests item(s) by brand name and your quote is for an alternate brand – show brand name(s) with model number(s) and attach full specifications.
- When Quotation Sheet has only a general description(s) of item(s) required – show brand name with model number(s) and attach full specifications.
- Suppliers shall not offer more than one bid on each item. Two or more quotations on the same item may cause a rejection of the bid. Suppliers must determine which one of their many styles or types fully meet the specification.
- Freight or delivery charges must be included in quote, or shown separately on quote, so bid can be evaluated.
- **Bids must arrive no later than NOON** on the date stated or will be rejected. Faxed or E-mailed bids are not accepted unless specifically requested.
- Bids will be publicly opened on the date specified beginning at NOON.
- Prices quoted will be considered firm.
- Bids having an acceptance limit of less than 30 days after opening date may be rejected.
- Time of proposed delivery must be stated in definite terms.
- Failure of Bidder to understand the item(s) requested or any part of the specifications will not be a valid reason for bidding on the wrong item(s). Any questions regarding description of item(s) requested should be cleared with the Buyer listed in the bid document.
- **Samples** when requested must be delivered before actual time of bid opening with each sample plainly tagged showing the name of Bidder, Quotation Number, Brand Name and lot number or quality. Submission of samples does not relieve bidder from meeting the specifications as outlined in the Bid Documents unless the bidder specifically states they are bidding on an alternate.
- All samples are to be submitted to the address listed below unless otherwise stated in Bid Documents.
- Deliveries must be accompanied by a packing slip or invoice, listing the Department, Quotation Number, and the exact quantities of each item included in the shipment.
- ONLY U.S.P., N.F., OR N.N.D. DRUGS ARE ACCEPTABLE. ALL DRUGS MUST COME IN MANUFACTURER'S ORIGINAL PACKAGES, PROPERLY SEALED.
- In the event the successful bidder fails to make delivery of any item or items that meet the conditions and requirements as outlined in this proposal within 7 days of time stated by bidder on face of this quotation sheet, the City reserves the right to purchase said item or items on the "OPEN MARKET" and charge any costs above the BID PRICE to the bidder.
- The laws of the State of Missouri provide that the City of St. Louis pay no State Sales or Use Tax or Federal Excise Taxes and these taxes should be excluded from your bid price. Federal Excise Tax Exemption Certificates will be furnished to successful bidder.
- Suppliers shall save harmless the City of St. Louis from the payment of any and all claims or demands arising out of any infringement, alleged infringement, or use of any patent or patented device, article, system, arrangement, material or process used by him in the execution of this contract.
- Supply Division hours are Monday through Friday – 8:00 A.M. to 5:00 P.M. Main Number: 314-622-4580.

All bids must be submitted in a SEALED ENVELOPE and mailed to:

SUPPLY COMMISSIONER
1200 MARKET ST RM 324
ST LOUIS MO 63103-2842