Law Enforcement

MOBILE COMMAND CENTER

Specifications for

MCC – 16

Brown Specialty Vehicles 807 East 29th Street Lawrence, KS 66046-4998
Phone (785) 842-6506 Fax (785) 842-0314 Toll Free (800) 255-6827

INSTRUCTIONS TO BIDDERS

This specification covers a new commercially built surface emergency response vehicle herein after referred to as module or vehicle. A vehicle in compliance with this specification shall be defined as a standard emergency vehicle. This vehicle shall be in accord with the Design Criteria of the National Highway Traffic Administration, U.S. Department of Transportation, Washington, D.C.

The purpose of this document is to provide minimum specifications and test parameters for the manufacture of an emergency vehicle that meets the needs and desires of this agency. It establishes essential criteria for the design, performance, equipment, and appearance of the vehicle. All dimensions listed are given as the approximate sizes required to meet the requirements of this department. The object is to provide a vehicle that is in accordance with nationally recognized guidelines. All vendors and manufacturers must meet all state and local regulations regarding the manufacturing, licensing, and sale of emergency rescue vehicles within the state.

This is an engineer, design, construct, and deliver type specification and it is not the intention of this agency to write out vendors or manufacturers of similar or equal equipment of the types specified. It should be noted, however, that this specification is written around the specific requirements of this department. With the intent to standardize certain components, certain specific brands have been specified in places. This has been done to establish a certain standard of quality. Other brands will be accepted providing the vendor or manufacturer details how another brand will meet or exceed the quality of the actual brand specified. Because of this, the Review Board reserves the right to accept or reject any and/or all bids.

The emergency vehicle, chassis, modular body, equipment, devices, accessories, and electronic equipment to be delivered under this contract shall be standard commercial products that meet or exceed the requirements of this specification. The vehicle shall comply with all Federal Motor Vehicle Safety Standards (FMVSS) and Federal regulations applicable or specified for the year of manufacture. The chassis, components, and optional items shall be represented in the manufacturer's current technical data. Materials used in the construction shall be new and not less than the quality conforming to current engineering and manufacturing practices. Materials shall be free of defects and shall be suitable for the intended use.

Any exceptions to these specifications must be clearly pointed out. Otherwise, it will be considered that the items offered are in strict compliance with the written specifications and that the successful bidder will be responsible for delivering a vehicle meeting these specifications. Any exceptions must be marked as such within the body of the bid and explained on a separate page marked "EXCEPTIONS".

INFORMATION AND DESCRIPTIVE MATERIAL

The bidder must furnish all information requested in the space provided on the bid form. The manufacturer must also supply at least one [1] complete set of sketches, descriptive literature, and complete specifications covering the products offered. Bids not meeting this requirement will be considered non-responsive and rejected.

PRICES AND PAYMENTS

All bid prices shall be on a F.O.B. destination and acceptance basis at the Purchaser's specified location. These Prices shall be complete and include warranty. Payment shall be made in accordance with these specifications and the Bid Proposal submitted by the Bidder. Payment shall be made upon acceptance of the vehicle(s) and equipment specified under these specifications. All bid prices and conditions must be specified on the bid proposal form. Bid prices shall be valid for at least thirty- [30] days from the date of the bid opening or as otherwise specified on the bid proposal form. Full payment shall be made as each unit is received, inspected, and found to comply with the procurement specifications.

WARRANTY

There shall be provided a five year modular body structural warranty. The five year structural warranty period shall also remain in effect should the modular body be remounted onto a new chassis. This remount must be performed at a service center authorized by the original manufacturer.

WARRANTY SURETY

To ensure quality, service, and full compliance to the above warranties the vehicle, with the exception of the chassis, must be constructed by the body manufacturer. Additional elements constructed and installed "in house" are required to ensure service and parts availability. Subcontractors or lease/rental agreements to outside agencies will fail to meet this requirement. NO EXCEPTIONS WILL BE ALLOWED.

- Does the body manufacturer as the prime contractor construct the modular body?
- Does the body manufacturer as the prime contractor apply paint?
- Are interior cabinets installed by the body manufacturer as the prime contractor?
- Are the wiring harnesses, circuit boards, H.V.A.C., and electronics assembled, installed and tested by the body manufacturer as the prime contractor?
- Is the upholstery for seat cushions, head pads, and backrests assembled and installed by the body manufacturer as the prime contractor?

DELIVERY

Since delivery proposals by the bidder will weigh heavily in the determination of the bid award, the delivery schedules that are submitted by the bidders shall automatically become binding upon the successful bidder. Delivery delays due to component supply problems or chassis delivery problems to the manufacturer shall not penalize either the dealer or the manufacturer. Delivery must be within a maximum of six- [6] months from the date of the award of the bid.

ANTI-COLLUSION STATEMENT

By signing this bid, the bidder agrees that his bid is made without any understanding, agreement, or connection with any other person, firm, or corporation making a bid for the same

purpose and that his bid is in all respects fair and without collusion or fraud.

Company Name: _____

Bidder Signature: _____

Data Signed: _____

SERVICE FACILITY

The successful bidder must have access to a service facility. Bidders must list below the nearest service facility and parts department to the purchaser.

Facility Name: _____

Address: _____

Phone Number: _____

Contact Name: _____

Approximate Miles
From Purchaser: _____

REFERENCES

All bidders must submit a list containing a minimum of five [5] customers who are operating a similar vehicle as described in this specification. The customer reference list shall contain the Department name, address, phone number and contact person.

QUALITY ASSURANCE

To ensure the purchaser that proper engineering and production control guidelines have been implemented the body manufacturer shall employ an integrated quality and process control program including specific process controls for facets of the manufacturing process deemed to be critical. These critical elements of the process shall be documented and that documentation shall be available not only to manufacturing personnel but also customers who visit the manufacturing facilities. The critical elements shall be denoted on the vehicle control document, which accompanies the vehicle through the manufacturing process. A sample of this document shall be available to the purchaser upon request. A continuous series of inspections shall be performed and signed off on the vehicle control document and shall include but not be limited to the following:

Conduct a visual inspection of the vehicle body, body welds, and exterior attachments.

Conduct a visual and mechanical inspection of the heater/air conditioning lines, cables, grommets, valve connections, clamps, mounting brackets, belts, etc.
Conduct a visual inspection of the interior cabinets, also sliding/hinged cabinet doors, moldings,

flooring, walls, headliner, and cushions.

Conduct a Visual inspection of the vehicle exterior paint, decals, and lettering.

Conduct an operational inspection of all electrical systems of the vehicle. This must consist of tests of battery voltage, electrical load tests, alternator output, beacons, flashers, siren, interior lighting, compartment lighting, power exhaust vent, scene lights, load lights, chassis lights, silent signal lights/buzzer, heat/cool unit, and any optional electrical devices as furnished by the manufacturer. The current requirements of each device tested must be noted on an inspection sheet together with the total current requirements.

All chassis fluid levels shall be checked and filled to capacity. All doors, locks, windows, tires, etc. shall be inspected for proper operation and/or condition.

The completed vehicle must be test driven a minimum of ten [10] miles on paved highways and [5] miles on rough terrain to check handling, brakes, acceleration, and noises.

SERVICE

A toll free number for service requests shall be provided and this number should be the primary contact for all service requests. Scheduling, parts information, and technical support should be available during normal business hours at this toll free number. Additionally the manufacturer must maintain a complete stock of module body parts for rapid replacement when necessary.

Manufacturer must provide a minimum of $4,000,000.00 in Liability and Workers Compensation Insurance. A copy of this insurance certificate should be provided with bid. **NO EXCEPTIONS**

CRITERIA TO EVALUATE BIDS

Listed below you will find the criteria to evaluate bids for _____(agency). This criteria will carry as much weight as LOW BID so that the office of the _____(name) in evaluating bids will be able to recommend a bid that will be in the best interest for the _____(agency). The criteria are as follows.

1. Low Bid
2. Availability: This unit is a replacement of equipment and consideration of availability will be considered in the award of the bid.
3. Parts availability
4. Rated maintenance and operating data
5. Similar makes and models in the fleet and our maintenance history with them.
6. Capability of vendor to supply the service required. Ability of unit offered to perform the task of the user or department
7. Warranty: The length and coverage, including any extended warranty.
8. Vendor Performance: How well the vendor performed.
    a. Responsiveness
    b. Assistance

c. Training requirements
d. Warranty claims

WITHDRAWAL OF BID

A Bidder may withdraw a bid any time prior to expiration of the period during which bids may be submitted by a written request signed in the same manner and by the same person who signed the Proposal. No bid may be withdrawn, modified, or otherwise changed once the bids have been opened. It will be assumed that each Bidder has thoroughly and completely familiarized themselves with these specifications at the time of the bid. Modifications to a bid, once submitted will not be permitted. Simply stated, if any item, feature, options, etc. Is not stated in writing in the Bidder's proposal, it will not be considered. Bidders are cautioned that verbal or written modifications to already opened bids are neither valid, nor considered ethical, and the comparison and selection of bid award will proceed only from what is stated in Bidder's written proposal. NO EXCEPTIONS

AUTHORITY TO PURCHASE FROM EXISTING CONTRACTS:

All bidders submitting a response to this Invitation to Bid agree that such response also constitutes a bid to all governmental agencies under the same conditions, for the same contract price, and for the same effective period as this bid, should the bidder feel it is in their best interest to do so.

Each governmental agency desiring to accept these bids and make an award thereof shall do so independently of any other governmental agency. Each agency shall be responsible for its own purchases and each shall be liable only for materials and/or services ordered and received by it, and no agency assumes any liability by virtue of this bid. This agreement in no way restricts or interferes with the right of any governmental agency to bid any or all items.

MANUFACTURING CAPABILITY

Manufacturer must submit proof of a minimum of 25 years manufacturing experience as the same entity

ENGINEERING CAPABILITY

To demonstrate your company's abilities and to show understanding of the written bid specifications, each manufacturer must submit with the bid, a scale drawing of the vehicle it proposes to supply. NO EXCEPTIONS

PLANT FACILITY

To demonstrate a Manufacturers capability, pictures of the interior of the plant facility during production hours must be submitted. A minimum of four plant photographs and one office photograph shall be supplied. One of the plant photographs must be an overhead view showing facility from the air.

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 race, creed, color, sex, national 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.

MANDATORY PRE-BID CONFERENCE

A Mandatory Pre-Bid Conference will be held _____ __, 200_ at __:__A.M. (P.M). Bidders will convene in the Conference Room of the _____located at _____(address). Attendance at the mandatory pre-bid conference is a requirement.

The purpose of the conference is to discuss any questions or concerns vendors may have regarding the specifications. Vendors must fax questions or request for clarifications at least seven (7) days prior to the conference.

Vendors must notify _____(contact person), _____(title) at fax number (___) ____-_____ to confirm attendance at the mandatory pre-bid conference.

Vendors will be allowed a ten minute grace period. Any vendor who is not present in the Conference Room within 10 minutes after the time stated for the beginning of the mandatory pre-bid conference shall not be allowed to participate any further in the bid process.

All vendors attending the mandatory pre-bid conference must sign an attendance sheet, complete with the name of the firm, name of the attendee, complete address, phone and fax numbers. Only vendors who have signed the attendance sheet will receive future addenda and will be allowed to bid on this project.

Bids received from vendors who did not attend the mandatory pre-bid conference will be deemed incomplete.

PRE-BID CONFERENCE
ATTENDANCE CONFIRMATION FAX FORM

DATE: _____

TO: _____(person), (title)
FAX NO. (___) - ____-_____

RE: BID NO. _____
_____(description)

I WILL ATTEND THE MANDATORY PRE-BID CONFERENCE ON _____, ____, 200_ AT __:__AM(PM)

A Mandatory Pre-Bid Conference will be held _____ __, 200_ at __:__AM(PM). Bidders will convene in the Conference Room of the _____(agency) located at _____.
Attendance at the mandatory pre-bid conference visit is a bid requirement.

The purpose of the conference is to discuss any questions or concerns vendors may have regarding the specifications. Vendors must fax questions or request for clarification at least seven (7) days prior to the conference.

Vendors must notify _____(contact), (title) at fax number (____) - ___-_____ to confirm attendance at the mandatory pre-bid conference.

Vendors will be allowed a 10 minute grace period. Any vendor who is not present in the _____ Division within 10 minutes after the time slated for the beginning of the mandatory pre-bid conference shall not be allowed to participate any further in the bid process.

All vendors attending the pre-bid conference must sign an attendance sheet, complete with the name of the firm, name of the attendee, complete address,phone and fax numbers. Only vendors who have signed the attendance sheet will receive future addenda and will be allowed to bid on this project.

Bids received from vendors who did not attend the mandatory pre-bid conference will be deemed incomplete.
(PLEASE PRINT)

FROM: _____
Vendor

_____
Agent

_____
Mailing Address City State Zip Code

_____
Telephone Number Fax Number

PRE-CONSTRUCTION CONFERENCE

The successful contractor(s) shall be required prior to manufacturing to have a Pre-Construction conference at the site of his choosing with representatives of this agency to finalize all the construction details. If the bidder requires the conference to be held at a location other than that of the purchaser, the bidder at his/her expense shall provide transportation, lodging and meals, etc., for ____(number) people designated by the purchaser. If this meeting is to occur at a location more than 300 miles form the purchaser's location, the transportation shall be by commercial air carrier.

FINAL INSPECTION

Two (2) members of the _____Department, will travel to the manufacturers plant for the purpose of inspecting the vehicle for compliance to the specifications and for the overall quality of the vehicle.

Costs shall include air transportation on a major commercial carrier to the nearest airport (ground transportation shall not exceed two hours), individual rooms, and meals. Inspections shall be scheduled and funded to be conducted during weekdays, including travel time.

GENERAL VEHICLE DESIGN, TYPE, AND FLOORPLAN

The emergency vehicle and the allied equipment furnished under this specification shall be the manufacturer's current commercial vehicle of the type and class specified. The vehicle shall be complete with the operating accessories as specified herein and furnished with such modifications and attachments as may be necessary or 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. The term "HEAVY DUTY" as used to describe an item shall mean in excess of the usual quantity, quality, or capacity that is normally supplied with the standard production vehicle or component.

INTERIOR HEADROOM

84" of interior headroom shall be provided inside the body. It shall be free of obstructions for the occupant’s safety and shall meet or exceed all transportation and regulatory requirements.

TECHNICAL REQUIREMENTS CAB/CHASSIS

The emergency vehicle shall have a Medium Duty chassis and the chassis will be furnished with a two-door cab. The cab/chassis shall be suitable for subsequent mounting of a modular (containerized) transferable equipped vehicle body conforming to the requirements specified herein.

CHASSIS MODEL AND TYPE

The cab/chassis requirement of this specification is a 2009 GMC TC5500 model TC5C042 regular cab, 176" wheelbase, 19,500 lb. GVWR package, and equipped as follows:

2009 GMC TC5500

TC5C042 Regular Cab 2WD

“Miami Dade Police Dept”

STANDARD EQUIPMENT

STANDARD EQUIPMENT - 2009 TC5C042 Regular Cab 2WD

EXTERIOR

- Paint scheme, solid, upper color, Summit White
- Paint scheme, solid, lower color, Summit White
- Exterior roof drip moldings
- Bumper, front, steel, 96" (243.8 cm) wide - styled to minimized wall to wall turn diameter painted argent
- Steps under cab doors
- Front mud flaps
- Integral grille and fenders - The grille is the same color as hood with single halogen headlamps.
- Roof marker lamps
- Daytime running lamps
- Windows, Solar-Ray tinted. Light tinted windshield and side window glass with light transmissity of 70%
- Mirrors, manual, 102" (259 cm) wide load, integral arm, integral convex mirror - black molded composite 12" x 7" (30.5 cm x 17.8 cm) with 6" x 7" (15.2 cm x 17.8 cm) convex section
- Windshield wipers, 2-speed and intermittent, with pulse washers
- Provisions for mounting front license plate
- Positive door stops

STANDARD EQUIPMENT

STANDARD EQUIPMENT - 2009 TC5C042 Regular Cab 2WD

INTERIOR

- Seat, driver, high-back bucket, fixed height, manual adjuster - storage in the seat riser with a small lip at the front to stop contents from sliding out
- Seat, passenger, high-back bucket, fixed height, manual back angle adjuster - storage in the seat riser with a small lip at the front to stop contents from sliding out
- Seat trim, vinyl, Very Dark Pewter
- Interior trim, Very Dark Pewter
- Trim console - located next to driver's seat, and two cupholder
- Molded vinyl floor covering
- Steering wheel 16"
- Two sided single common key for doors and ignition
- Headlamp warning buzzer

STANDARD EQUIPMENT - 2009 TC5C042 Regular Cab 2WD

INTERIOR – Cont’d

- Warning tone, key-in-ignition
- Tachometer with automatic and manual transmissions
- Electronic engine hour meter

- Engine "Check Gauges" telltale light and buzzer, oil pressure gauge
- Gauges, low oil pressure and coolant level, high coolant and engine oil temperature
- Vinyl door trim panels - with storage pocket on front doors, beverage holders, and reflector on all doors
- Stepwell storage areas at each door front and rear. Includes storage cover.
- Cloth headliner
- Sunshades, passenger side and driver side, cloth-covered
- Coat hooks (2) located on cab back panel
- AM-FM stereo
- Air conditioning
- Powerpoints - two in-cab power sources (in addition to optional cigarette lighter) for electrical plug-in accessories
- Underhood bodybuilder connections accessory power supply - Provides 12V power supply from the battery with two separate 30 amp fused circuits

STANDARD EQUIPMENT - 2009 TC5C042 Regular Cab 2WD
MECHANICAL

- GVWR

Front Gross Axle Weight Rating:	7,000.00
Rear Gross Axle Weight Rating:	13,500.00
Gross Vehicle Weight Rating:	19,500.00

- Engine, Duramax 6.6L Diesel
- Air cleaner, dry type
- Cooling, anti-freeze protection temperature - -40 degrees F (-40 degrees C)
- Road Speed Governor, controlled by the speed rating of the tires ordered. - which will be less than or equal to 85 mph (137 kph)
- Alternator, AD244 Delco-Remy 150-amp maximum
- Battery, dual AC Delco, 750 CCA, 12V
- Exhaust, single horizontal - passenger side mounted inside frame rail. With gasoline engines, stainless-steel exhaust with catalytic converter. With diesel engines, stainless-steel exhaust, oxidation catalyst, diesel particulate filter and exhaust gas cooler.
- Option PTO
- Transmission, automatic, Allison 1000 HS/RDS Series 6-speed - With parking pawl and column shift, includes 4th Generation Electronic Controls and 0.61 overdrive. Torque Rating: 660 lb-ft (895 N-m) with shift energy management.
- TranSynd synthetic automatic transmission fluid
- Front axle, 7000 lbs. (3175 kg) capacity - I-beam Wide-trac. Up to 53 degree turn angle, includes 4 -piston brake apply calipers. Steering Gear Series: ZF8014, (Requires GZG or GZJ GVWRs)
- Front suspension, tapered leaf, 7000 lbs. (3175 kg) capacity (includes stabilizer)
- Front shock absorber, diameter 1.375" (35mm)
- Front stabilizer bar, 2" x 2" square tube (5 cm x 5 cm)
- Front wheels, 19.5" x 6.75" (49.5 cm x 17.1 cm), steel disc - 8-hole. 10,000 lbs. (4536 kg) capacity
- Front tire size, 225/70R19.5F - 7280 lbs. (3302 kg) capacity
- Front tire manufacturer code, Goodyear
- Front tread, premium, highway

STANDARD EQUIPMENT - 2009 TC5C042 Regular Cab 2WD
MECHANICAL – Cont'd

- Rear axle, single speed, Dana S14-110 13,500 lbs. (6123 kg) capacity - full floating, Includes 2 -piston brake applied calipers.

- Rear wheel drive

STANDARD EQUIPMENT

STANDARD EQUIPMENT - 2009 TC5C042 Regular Cab 2WD

- Rear axle ratio, 4.56:1
- Rear suspension, multi-leaf, 15,000 lbs. (6804 kg) capacity
- Rear suspension brackets are bolted
- Rear shock absorbers
- Rear wheels, 19.5" x 6.75" (49.5 cm x 17.1 cm), steel disc - 8-hole, 20,000 lbs. (9072 kg) capacity
- Rear tire size, 225/70R19.5F - 13,660 lbs. (6196 kg) capacity
- Rear tire manufacturer code, Goodyear
- Rear tread, premium, highway
- Wheelbase, 176" (447.0 cm) – with 18" (274.3 cm) CA and 178" (452.1 cm) CE. Includes a 6mm 80,000 psi (551,600 kPa) yield strength, steel frame, RBM: 610,400 Section Modulus 7.63
- Frame, 6mm - 80,000 psi (551,600 kPa) yield strength, steel frame, RBM: 610,400 Section Modulus 7.63
- Fuel tank, single, 40-gallon (151L) fuel capacity
- Fuel sender assembly. Robust fuel pump
- Tethered fuel cap
- Steering, power - ZF variable ratio power
- Brakes, front, power, 4-wheel disc, 4 channel ABS 4-piston
- Brakes, rear, power, 4-wheel disc, 4 channel ABS 2-piston
- Parking brake, hand lever operated transmission mounted drum brake

SAFETY

- 4-wheel disc, 4-channel ABS
- Air bags, Supplemental Inflatable Restraints not included. This vehicle does not include any air bags
- Seat belt warning indicator
- Daytime running lamps

SELECTED MODEL & OPTIONS

SELECTED VEHICLE COLORS - 2009 TC5C042 Regular Cab 2WD

Code Description

69C Interior: Very Dark Pewter
50U Exterior 1: Summit White
50L Exterior 2: Summit White

SELECTED OPTIONS - 2009 TC5C042 Regular Cab 2WD

DIESEL ENGINE

DURAMAX DIESEL 6.6L, 330 HP (246 KW) @ 3000 RPM, 620 LB-FT (840 N-M) TORQUE @ 1600 RPM -Maximum engine speed 3,250 rpm (Includes KPJ Engine shutdown) Oil Level Sensor: Warning sensor for low oil levels

GVWR

19,500 LBS. (8845 KG) CAPACITY -GCWR limited to 26,000 lb.

EMISSION

FEDERAL EMISSIONS All states for 2008 DIESEL ENGINE VEHICLES EXCEPT California, Connecticut, Delaware, Georgia, Maine, New Jersey, New York, North Carolina, Pennsylvania and Texas.

SELECTED OPTIONS - 2009 TC5C042 Regular Cab 2WD

ALTERNATOR

150-AMP MAXIMUM

BATTERY
DUAL AC DELCO, 750 CCA, 12V -420-minute reserve capacity @ 27 degrees C, 750 CCA @ -18 degrees C
ENGINE SHUTDOWN
AUTOMATIC ENGINE SHUTDOWN WITH ALARM -Includes reset feature. Activated by low or high engine oil pressure, and high coolant temperature.
EXHAUST SYSTEM
SINGLE HORIZONTAL-PASSENGER SIDE MOUNTED INSIDE FRAME RAIL with gasoline engine stainless-steel exhaust with catalytic convertor, with diesel engines, 409 stainless-steel exhaust, oxidation catalyst, diesel particulate filter and exhaust gas cooler (STD)
POWER TAKE OFF
ELECTRONIC ACTIVATION SWITCH, (ELECTRIC HAND THROTTLE), IP MOUNTED -When activated, it adjusts engine rpms. There are two engine rpm selections available which are preset at the factory. Engine RPM settings can be modified at the dealer or body company. PTO price includes cruise control; includes power-take-off gear in transmission. PTO access is available on driver side only
TRANSMISSION
AUTOMATIC, ALLISON 1000 HS/RDS SERIES 6-SPEED -With parking pawl and column shift, includes 4th Generation Electronic Controls and 0.61 overdrive. Torque Rating: 660 lb-ft (895 N-m) with shift energy management. Available with a Gross Vehicle Weight up to 19,500 lbs. (8845 kg) and a Gross Combination Weight Rating up to 26,000 lbs. (11,790 kg). To include PTO gear, please order with RPO PTO for Allison 1000 RDS Rugged Duty Series transmission. Includes transmission oil cooler located inside radiator.
TRANSMISSION FLUID
TRANSYND SYNTHETIC AUTOMATIC TRANSMISSION FLUID (STD)
FRONT AXLE
7000 LBS. (3175 KG) CAPACITY -I-beam Wide-trac. Up to 53 degree turn angle, includes 4-piston brake apply calipers. Steering Gear Series: ZF8014
FRONT SUSPENSION
TAPERED LEAF, 7000 LBS. (3175 KG) CAPACITY (includes stabilizer)
FRONT WHEEL
19.5" X 6.75" (49.5 CM X 17.1 CM), STEEL DISC -8-hole, 10,000 lbs. (4536 kg) capacity
FRONT TIRE
225/70R19.5F -7280 lbs. (3302 kg) capacity
FRONT TIRE BRAND
GOODYEAR
FRONT TIRE TREAD
PREMIUM HIGHWAY
SINGLE SPEED REAR AXLE
SINGLE SPEED, DANA S14-110 13,500 LBS. (6123 KG) CAPACITY -full floating, includes 2-piston brake applied calipers
AXLE RATIO
4.56:1
TRACTION CONTROL
REAR LIMITED SLIP DIFFERENTIAL
REAR SUSPENSION
MULTI-LEAF, 15,000 LBS. (6804 KG) CAPACITY
BOLTED OR RIVETED SUSPENSION
REAR SUSPENSION BRACKETS ARE BOLTED TO FRAME IN LIEU OF RIVETS
REAR SHOCK ABSORBER
REAR SHOCK ABSORBER included with tapered leaf and optional with multi-leaf suspensions

SELECTED OPTIONS - 2009 TC5C042 Regular Cab 2WD

REAR STABILIZER BAR
REAR STABILIZER BAR Provides increased load stabilization-improves handling and reduces vehicle roll. Does not adversely affect ride.
REAR WHEEL
19.5" X 6.75" (49.5 CM X 17.1 CM), STEEL DISC -8-hole, 20,000 lbs. (9072 kg) capacity
REAR TIRE
225/70R19.5F -13,660 lbs. (6196 kg) capacity
REAR TIRE BRAND
GOODYEAR
REAR TIRE TREAD
PREMIUM HIGHWAY
WHEELBASE
176" (447.0 CM) -with 108" (274.3 cm) CA and 178" (452.1 cm) CE. Includes a 8 mm 80,000 psi (551,600 kPa) yield strength, steel frame, RBM: 824,800 Section Modulus 10.31 (GVW's 18,000-26,000 lbs)
FUEL TANK
SINGLE, 40-GALLON (151L) FUEL CAPACITY -gas or diesel, located behind rear axle with fuel fill neck through frame rail and a black tethered fuel cap with gasoline engine and green un-tethered fuel cap with diesel engines, DRIVER SIDE FILL NECK ONLY. NO AUXILIARY FUEL PORTS. MINIMUM OVERHANG = 60" (5 FEET)
CHASSIS CABLE
WIRING HARNESS 7-WIRE -full trailer routed to end of the frame with receptacle
MISCELLANEOUS CAB EQUIPMENT
SMOKERS PACKAGE -cigarette lighter/muffin ashtray located on center console
INTERIOR ROOF LAMP -with courtesy and dual reading lamps
CRUISE CONTROL
AIR CONDITIONING
DRIVER SEAT
HIGH-BACK BUCKET, FIXED HEIGHT, MANUAL ADJUSTER -storage in the seat riser with a small lip at the front to stop contents from sliding out (STD)
PASSENGER SEAT
TWO-PERSON, STORAGE UNDER FOLD-UP SEAT AND IN CENTER SEAT BACK
AIRBAGS
SUPPLEMENTAL INFLATABLE RESTRAINTS NOT INCLUDED (STD)
RADIO
DELCO AM-FM STEREO RADIO -with coaxial speakers in all door panels
EXTERIOR MIRRORS
MANUAL, 102" (259 CM) WIDE LOAD, INTEGRAL ARM, INTEGRAL CONVEX MIRROR -black molded composite 12" x 7" (30.5 cm x 17.8 cm) with 6" x 7" (15.2 cm x 17.8 cm) convex section (STD)
PAINT
SOLID NON-METALLIC PAINT (STD)
INTERIOR TRIM
VERY DARK PEWTER
SEAT TRIM
CLOTH SEAT TRIM

WARRANTY INFORMATION

WARRANTY INFORMATION - 2009 Retail TC5C042 Regular Cab 2WD

WARRANTY
Basic:
2 Years/Unlimited Miles
Drivetrain:

Duramax 6.6L Engine - 5 Years/100,000 Miles
$100 deductible after 36,000 Miles per event
Allison Transmission (Manufacturer Warranty and Partner ESC Applies)
1000RDS - 3 Years/Unlimited Miles
Rear axles - 2 Years/Unlimited Miles
Cab Corrosion-Perforation: - 5 Years/Unlimited Miles
Frame Rails and Cross Members: - 5 Years/Unlimited Miles
Emissions
Diesel Engine 5 Years/100,000 Miles

FUEL SYSTEM CAPACITY

The fuel system capacity shall be a minimum of 40 gallons and shall meet FMVSS 301 "Fuel System Integrity".

BULKHEAD CAB

The bulkhead cab wall shall be the OEM wall, which matches the dash color scheme.

ENGINE BLOCK HEATER

The OEM chassis engine block heater shall be wired to the external 115 volt power source.

AUTOMATIC LEVELING SYSTEM

Furnish and install one (1) Quadra Touch Pad leveling system. The complete system weight shall be between 190 lbs to 240 lbs and be 12 VDC powered. It shall have fully automatic and/or manual controls. The hoses shall be rubber flex line with JIC fittings. The battery cables shall be 4 gauge plastic coated.

VEHICLE WIRING BODY

All insulated cable shall conform to SAE J1292 requirements and shall have type SXL high temperature thermoplastic insulation conforming to SAE J1127 and J1128. All wire shall be of a gauge size to carry 125% of the current required without overheating. Where practical, all wires shall be routed in high temperature looms with a rating of 300 degrees Fahrenheit. All conductors shall be annealed copper with machine crimps. Wiring harnesses shall be assembled and warranted by the vehicle manufacturer. All 110VAC wiring shall be fully tinned, type 3 stranded copper round safety duplex boat cable approved by Underwriters Laboratories. The safety color coding of red and yellow conductors are found inside of a white jacket, with non wicking fiber fillers to maintain a round shape. This cable is UL listed boat cable 600V with a 105C temp rating and meets all approvals from ABYC and United States Coast Guard.

NO EXCEPTIONS WILL BE ALLOWED.

ELECTRIC CONTROL CENTER

A dedicated cabinet will house the electrical components. Solenoids, relays, circuit breakers shall be behind a door and are to be mounted securely to the inside of the electrical control center This door shall hinge out of the way for free movement and for ease of maintenance and repair and shall have a latch to secure the door and be large enough for complete and

unobstructed inspection. Ample venting shall be supplied.

INSTALLATION AND PROTECTION

Wires must be grouped or harnessed where practical. Metal edges through which cables pass shall be protected with nonmetallic bushings or grommets. All auxiliary circuits shall be wired separate and distinct from the vehicle chassis circuits. All wire passing from the console head shall be encased in a heavy-duty loom. All wiring shall be clipped or otherwise attached at suitable intervals to prevent rubbing or chafing due to wire movement, vibration, etc.

BATTERIES

There shall be two (2) "No Maintenance" 12 volt batteries. They shall total not less than 1500 CCA with 420 minutes of reserve capacity each @ -18 degrees Centigrade. The batteries shall be located in the OEM location under the driver step, below cab door, in a tray.

There shall be two additional batteries furnished for the two generators.

INTERNAL 12 VOLT DC POWER

When specified all internal 12 volt DC power circuits shall be 12 VDC 20 amp capacities with separately protected circuits. Circuit protection shall be accomplished by the use of manual breakers mounted in the master control panel. Due to the potential danger associated with a separate "battery hot" circuit, no exception to the above will be accepted.

CIRCUIT BOARD 12V PANEL

The 12 VDC circuit board panel shall be housed in a heavy .125” H5052 aluminum alloy housing and face. The face shall have a two-part polyurethane slate gray finish. It shall have countersunk mounting holes throughout. All positive, negative, and grounding buses shall be installed. Panels with meters include toggle switch for monitoring up to three (3) battery banks. All panels are equipped with 12 VDC analog meters. All circuit label positions are backlit. There shall be “ON” indicating LED’s installed in all circuit positions.

115 VOLT AC POWER

There shall be 115 volt AC wiring furnished. A three-wire system is used for powering certain equipment, battery charger, etc. The system shall incorporate GFI devices with 15 amp circuit breakers that can also be used as a disconnect switch for the interior 115 volt outlets. The GFI devices shall be located in the galley, bath, communications, and conference areas. All exterior receptacles shall be GFI protected. When an inverter is specified, an automatic transfer switch shall be furnished which will turn off the inverter 115 volt supply when the 115 volt utility shoreline power is applied.

CIRCUIT BOARD 11OV PANEL

The 110 VAC circuit board panel shall be housed in a heavy .125” H5052 aluminum alloy housing and face. The face shall have a two-part polyurethane slate gray finish. It shall have countersunk mounting holes throughout. All hot, neutral, and safety ground buses shall be installed and fully pre-wired. There shall be “ON” indicating LED’s shall be installed in all circuit

positions. Reverse polarity shall be indicated by red LED lights. All circuit label positions are backlit. Panel shall have MIL-C-5541C or equivalent immersion undercoating for lifetime corrosion resistance. The circuit board shall have a maximum panel amperage of 50 Amperes.

EXTERIOR SHORE POWER

There shall be a 220 volt twist-lock male plug rated at 50 amps or more with a friction-assisted cover assembly, UL listed for exterior use, located on the driver's side of the body close to the driver's door. This shall energize the vehicle's 115 volt AC circuit from an exterior power source. This connector must be labeled: "115 volt AC, 60 Hz, 50 amp power supply".

INTERIOR 115 VOLT AC OUTLETS

There shall be ten (10) three-wire duplex 115-volt AC receptacles. There shall be six [6] in the communications area, one [1] in the gallery area and three [3] in the conference area. There shall be red indicator lights located within each 115-volt outlet to indicate a live "hot" circuit. Add-on style indicators are not acceptable. The receptacles shall be clearly labeled: "115 VAC". There shall be

EXTERIOR 115 VOLT AC OUTLETS

There shall be two (2) three-wire duplex 115-volt AC exterior receptacles. The receptacles shall be clearly labeled: "115 VAC". They shall be located MDPD at the pre-construction conference.

GENERATORS

Furnish and install Two (2) 7.5 KW diesel generator with a radiator cooling system that permits operation at ambient temperatures to 120F. The engine flywheel shall be flexibly coupled to the alternator rotor by means of an SAE flange. Anti-vibration air bags shall be affixed between the engine/alternator feet and the base pan to isolate vibration of the rotating assemblies. The electrical system shall be 12VDC with battery charging alternator and starter motor. The engine filtration system shall use heavy-duty dry type air filters, with replaceable elements suitable for use in dusty conditions. The fuel filter and lubricating oil filters are spin on type. The exhaust system shall incorporate a heavy duty industrial capacity exhaust silencer. The fan, fan drive, and battery charging alternator drive shall be fully guarded for personnel protection. The generators shall be 7.5KW. It shall use a four-cycle water cooled diesel engine with a sound reduction enclosure. It shall have high-coolant temperature and low oil pressure shutdown sensors. It shall be CARB and EPA certified with an 1800 rpm-constant speed with dependable relay logic and a brushless generator. It shall have a set mounted start control panel with 120/240 or 120 volt full power connection. It shall have and engine hour meter. UL listed circuit breakers shall be used and it shall have an outboard single side service area.

INVERTER

An Airpak Dimensions 1000 watt inverter shall be furnished and installed. The inverter shall have a control panel on the interior of the vehicle.

BATTERY CONDITIONER/CHARGER

Furnish and install one Intellipower battery conditioner charger converter.

ELECTRICAL EQUIPMENT

All electrical equipment shall be electromagnetic radiation suppressed, filtered, or shielded to prevent interference to radio and telemetry equipment. The RFI shall not exceed SAE J551 limits.

BACKUP ALARM

A backup alarm shall be installed on the side of the chassis frame at the rear of the vehicle. This alarm will activate whenever the vehicle is put into reverse gear.

EXTERIOR LIGHTING

Exterior lighting shall conform to FMVSS 108 and consist of halogen headlights, LED ICC clearance lights with chrome brush guards, parking lights, hazard warning lights, license plate lights, tail, stop, and backup lights. Tail and stoplights shall have red, clear, and amber lenses. Electrical wires for the taillights shall be sealed to protect them from the elements of weather.

SCENE LIGHTS

The vehicle body will have six (6) Whelen 9" x 7" scene lights, model installed 12" below the roof line. There shall be tw0 (2) on the street side, two (2) on the curb side, and two (2) on the rear evenly spaced.

FRONT BODY WARNING LIGHTS

The vehicle body will have two () Whelen TIR-6 Super LED lights, model installed 12" below the roof line. There shall be two (2) mounted on the front of the vehicle.

SIDE BODY WARNING LIGHTS

The vehicle body will have four (4) Whelen 9" x 7" Red/Blue lights, installed 12" below the roof line. There shall be two (2) on the street side and two (2) on the curb side evenly spaced.

REAR BODY WARNING LIGHTS

The vehicle body will have two (2) Whelen 9" x 7" Red/Blue lights, installed 12" below the roof line. There shall be two (2) on the rear evenly spaced.

BODY CONSTRUCTION CHARACTERISTICS

The Aft Custom Body shall a 221" main body and will be completely designed and manufactured in-house, and will be an aluminum body All body panels, structures, and extrusions shall be fabricated of aluminum using alloys consistent with the load requirements of the vehicle and capable of carrying the maximum payload allowed by the chassis. All framing and structural supports will be welded in accordance with the current standards set forth in the American Welding Society Code. The body shall have a pre-painted finish with Buck Rivet fasteners. The body shall be attached to the chassis with hardened steel "U" bolts fastened to

the chassis and body mounting rails. Treated pine sills shall be installed between the modular body and the chassis frame. The body shall be designed and constructed to insure a life expectancy of more than ten years with normal use. The body structure shall be built and warranted by the vehicle manufacturer for five years.

ROOF

The roof shall be constructed of one-piece .040" aluminum. This aluminum shall be a highly corrosion resistant 5052H32 alloy with 2.5% magnesium and a tensile strength range of 28,000 to 33,000 psi. The roof shall then be reinforced the entire length of the unit. To prevent water pooling flat roofs shall be considered unacceptable. The Corner caps shall be cast aluminum and welded in place. The roof shall be reinforced to allow for two personnel to stand on roof.

ROOF TOP OBSERVATION DECK

The roof shall be designed so that it can be used as an observation deck. The roof shall be reinforced where necessary and proper materials shall be used to create a safe work area.

ROOF LADDER – REAR

Furnish and install one roof ladder that is fabricated out of 1” aluminum tube with steps spaced 12” apart. The ladder shall go from the extended rear bumper to approximately 12” above the roof line.

WALLS

The sides shall be constructed of .040" pre-painted aluminum sheets with a highly corrosion resistant 5052H32 alloy with 2.5% magnesium and a tensile strength range of 28,000 to 33,000 psi. The body shall have straight sides free of waves and welding warp. Vertical corner extrusions shall be .125" thickness and have a 5" radius. The vertical extrusions shall be of a web construction design for internal structural support.

FLOOR

The body floor shall have a 3” I-beam frame structure with main members all being fully welded and gusseted. This framework is mounted using rubber gaskets to prevent contact of dissimilar metals. The steel I-beam framing shall be on average of 16" on center. The floor frame is then covered the entire length with a moisture barrier mounted under the subfloor to act as a heat shield and vapor barrier. The subfloor is then sealed and fastened to the floor structure.

ENTRY DOORS

The door frame assembly shall be heavy duty extruded aluminum with a baked on enamel finish. It shall have three separate hinges with polymer bushings. The hinge system shall comply with FMVSS 206 and CMVSS 206. It shall have a sloped seal to promote drainage. The seals shall be large continuous automotive type held in by a T-slot. Use of adhesive seals is not permitted. The door core assembly is 1-13/16” thick with a 14 gauge steel inner frame that allows the door to be camber free. An automotive style lock with integral dead bolt shall be utilized. The door window shall be a radius

DOOR WINDOWS

The entry/egress doors shall be provided with an 27" high x 19" wide window. It shall have tempered automotive safety glass.

ENTRY STEPS

The step shall be constructed of aluminum diamond plate and shall be reinforced. It will be a double step set up. It shall be at least 32" wide and shall allow easy entry and egress.

BODY WINDOWS

Two (2) 36” x 18” Hehr radius corner windows shall be furnished in the module body. Location will be determined at the pre-construction conference.

GENERATOR COMPARTMENTS

The Generator compartment shall have the approximate dimensions as follows: 60" wide x 30" high The (P1) compartment shall have a solid flush mounted top hinged door constructed of aluminum. The generator compartment shall have a louvered vented door.

All exterior compartments shall be constructed of .125" aluminum 5052H32 walls and ceilings with .125" smooth aluminum floors, formed and MIG welded. Exterior compartments are welded to the floor structure components for strength and durability. All exterior compartment doors shall be equipped with gas charged hold open door check. Exterior compartments shall be top hinged.

Alternate Construction: All exterior compartments shall be constructed of 12 gauge steel walls and ceilings with 12 gauge steel floors, formed and MIG welded. Exterior compartments are welded to the floor structure components for strength and durability. All exterior compartment doors shall be equipped with a gas charged hold open door check.

GENERATOR COMPARTMENT DOORS

Each exterior compartment door shall be constructed of .125" 5052H32 aluminum sheet double pan formed with a 1.5'" return bend with recessed offset supporting the .063" 3003 alloy aluminum diamond plate interior liner. Extruded doors and/or doorframes are not acceptable. In addition, for maximum rigidity, 2.375" "C" channel bracing shall be added internally for additional door structural integrity. The exterior face of the door and the door edges shall be formed from one [1] sheet of aluminum. All doors shall be flush with the body side and shall be fully insulated with sheet Styrofoam. When opened, the doors will activate their respective compartment lights. All compartment doors shall be keyed alike.

EXTERIOR COMPARTMENT DOOR HANDLES AND LATCHING

Door hinges shall be full length steel with a 1/4" stainless pin and shall be fastened to the door and door frame with rivets. The locking mechanism shall be a D-Ring style. Latches shall be near flush with the door skin. Each latch must be capable of being locked independently with an

exterior key lock.

COMPARTMENT DOOR SEALS

For optimum fit and closure, the compartment doors shall close on a .625” W x .400” thick automotive bulb gasket attached to interior surface of the double pan-formed compartment doors. The gasket seal shall be attached to this surface to prevent exposure of the compartment to water or dirt when the door is closed.

COMPARTMENT ILLUMINATION

Each exterior compartment shall be lighted with Litco lights #69000200. These lights shall have Lexan clear lenses recessed into the compartment sides and/or ceiling - in our standard positions. Each door shall have an individual automatic switch. The switches shall be mounted in the door frame for both maintenance-free operation and protection from the weather.

INSULATION – STYROFOAM

The module shall have 1-1/2" high density styrofoam insulation in the walls and ceiling giving an insulation factor of R-9. The insulation shall be fire retardant, non-settling, non-hydroscopic, and mildew and vermin proof. Additionally the ceiling and walls shall be insulated with ¼” astro-foil bubble insulation.

CAB CONNECTION

Furnish and install one accordion bellows cab connector

REAR BUMPER

The rear bumper shall be an I.C.C. and state D.O.T. approved design. The rear bumper shall be constructed of Galvaneal steel angle and channel and painted with a rust resistant black enamel finish.

BODY HARDWARE

All body hardware and all compartment and entry doors are mounted on the module body. All stainless screws are sprayed in electrolysis preventive solution before installing on the module body. This is necessary to prevent future electrolysis. NO EXCEPTIONS WILL BE ALLOWED.

LICENSE PLATE HOLDER

The rear license plate holder,

REAR MUDFLAPS

A set of rear mud flaps shall be installed on the rearward side of each rear wheel well. The mud flaps shall be black in color.

UNDERCOATING

Undercoating shall be liberally applied to the entire undercarriage of the chassis and vehicle body. Undercoating must be applied according to OEM chassis manufacturer guidelines.

BODY AWNINGS

One (1) Zipdee or equal ten foot (10') electric awning shall be installed on the curb side of vehicle body.

INTERIOR COMPARTMENT COMPONENTS

CABINETRY

All cabinets are constructed of 100 percent aluminum panels, aluminum extrusions and steel fasteners for weight reduction, corrosion and a high strength to weight ratio. The cabinets shall be specifically designed for installation in trailers and moving vehicles

Drawers are to be all aluminum construction. The drawers are fully integrated into the cabinet with no visible frame or surrounding box for an aesthetically pleasing quality professional finish. The drawers will feature full width extruded pull handles and integrated self-latching mechanisms allowing one hand unlocking and opening on the entire width of the pull handle.

The cabinets shall be constructed of all aluminum sheet metal 5052 – H32 alloy. The aluminum extrusions to shall be prime billet 6063-T5 or T6 alloy, architectural surface quality. All principle walls to be no less than .090" thick. Where stainless steel is used it shall be a minimum of 304 Stainless Steel alloy with #4 brushed finish.

All fasteners are zinc plated, stainless steel, or aluminum. All nuts are Nyloc / Spin Lock self-locking. Assembly bolts are custom flat head carriage bolts for ease of assembly and disassembly. Cabinets are to be designed so that individual components can be easily replaced. Rivets of any type are not to be used in cabinet construction.

Latches are cast zinc with polyester powder coat finish. The latch shall be a single motion Latch that can be operated with one hand. Hinges are continuous extruded all aluminum staked hinges. Shelf brackets are zinc-plated steel and able to be placed across from each other on both sides of a panel in the same mounting slots via self-mating brackets.

Countertops are industrial grade laminate bonded to 3/4" thick exterior grade particleboard (Optional Aluminum and Stainless Steel tops are available).

Drawer latches are solid molded glass reinforced Nylon. Drawer slides are all steel, double carriage ball bearing full extension slides capable of withstanding 250 lbs loading per drawer. Slides will disconnect for ease of drawer removal.

All sheet components are coated with baked on polyester powder coat - door backs are pre-finished coil coated aluminum. The finish shall be UV and scratch resistant. The extrusions shall receive a 204-R1 Class 2 Architectural clear anodized finish.

The frames are fabricated from .090 wall extrusions with square cut and coped ends. Door hinges are secured to frame with self-locking nut and bolt hardware. Frames are pre-punched

with all required assembly and mounting slotted holes. All sheet components are CNC punched from new sheet material. Doors are formed to a 1" thickness from a single sheet of aluminum. The overhead and wall cabinets are .063" thick. The base and closet cabinets are .080' thick. All doors to have .040" pre finished aluminum sheet back continuously bonded to face sheet with VHB structural bonding tape. Overhead doors have a mechanical folding hold open mechanism. All doors have full length pivoting handles with a self-latching, independently sprung latch mechanism.

All sheet components are CNC punched from new sheet material. Drawers are all .080" aluminum construction with welded corners. Drawers are encased in a .080" aluminum insert case designed to mount into cabinet faces and integrate with no visible frame around drawers. Drawer has full width extruded aluminum pivoting handle with a self actuating dual self-actuating latches to eliminate two-hand operation. The exterior drawer finish is powder-coated/ anodized to match surrounding cabinet.

The end and center panels are .063" aluminum sheet at overhead and wall cabinets - .080" thickness at closet and base cabinets - all punching, drilling, and forming done prior to finishing - all components must be CNC punched for consistency. All cabinets are provided with a mounting feature perimeter. All panels are finished on all exposed surfaces, inside and outside, after fabrication. Shelves are constructed of .090" mill aluminum and all sides are hemmed over to prevent sharp edges from being exposed. Shelves must include adjustable mounting bracket and securing screw. Shelf slots to be punched in side panels NO EXCEPTIONS.

STREETSIDE OVERHEAD CABINET

A cabinet approximately 24" high x 96" wide with four equal doors shall be installed above the street side work center and shall be provided with one (1) full compartment adjustable shelf behind each door. It shall have a "Dry Erase finish" surface on all doors. The doors shall have a full length aluminum pull handle on each door. Overhead cabinets shall have radius edges and corners for occupant protection.

STREETSIDE WORKSTATION

A street side counter top will be installed in the work center. It will be approximately 29" high with a full length counter top 21" deep x 96" long.

DESK CHAIRS

Three office desk chairs with arms and a base with five casters shall be furnished.

DRY ERASE BOARD

Three dry erase boards shall be installed in the vehicle body. Exact locations to be determined at the pre-construction conference.

STREETSIDE STORAGE CABINET

A street side base cabinet will be installed in the conference work center. It will be approximately 84" high x 24" wide with four (4) full compartment adjustable shelf behind the door. The door shall have a full length aluminum pull handle on the door. The base cabinet

shall have radius edges and corners for occupant protection.

STREET SIDE WORK BENCH SEAT

A street side work bench base shall be installed in the primary conference area. It shall be fabricated from aluminum “Z” extrusions and be covered with 3/8” plywood and FILON panels. The interior of the work bench shall house the potable water tank and plumbing. A seamless cushion shall be installed an attached to the lid for seating. Cushion shall be removable for cleaning.

STREET SIDE OVERHEAD CABINET

A cabinet approximately 24" high x 72" wide with three equal doors shall be installed above the communications work center and shall be provided with one (1) full compartment adjustable shelf behind each door. It shall have a “Dry Erase finish” surface on all doors. The doors shall have a full length aluminum pull handle on each door. Overhead cabinets shall have radius edges and corners for occupant protection.

CURB SIDE WORK BENCH SEAT

A curb side seating bench shall be installed in the primary conference area. It shall be fabricated from aluminum “Z” extrusions and be covered with 3/8” plywood and FILON panels. The interior of the work bench shall be a storage area for supplies. A seamless cushion shall be installed and attached to the lid for seating. Cushion shall be removable for cleaning.

CURB SIDE OVERHEAD CABINET -REAR

A cabinet approximately 24" high x 72" wide with three equal doors shall be installed above the communications work center and shall be provided with one (1) full compartment adjustable shelf behind each door. It shall have a “Dry Erase finish” surface on all doors. The doors shall have a full length aluminum pull handle on each door. Overhead cabinets shall have radius edges and corners for occupant protection.

TABLE FOLDING AND FLIP-UP

A folding flip up table shall be provided and location, size and placement will be determined at the pre-construction conference.

CURB SIDE GALLEY OVERHEAD CABINET

An overhead cabinet approximately 24" high x 24" wide with one door and a space for a microwave oven insert with raised internal floor shall be installed above the conference work center and shall be provided with one (1) full compartment adjustable shelf behind each door. It shall have a “Dry Erase finish” surface on all doors. The doors shall have a full length aluminum pull handle on each door. Overhead cabinets shall have radius edges and corners for occupant protection.

CURB SIDE GALLEY BASE CABINET

Install a curbside base cabinet approximately 40” high x 24” wide. Cabinet shall have two doors and an opening for a refrigerator. The doors shall have full length aluminum pull handle on each door. The base cabinet shall have radius edges and corners for occupant protection.

GALLEY REFRIGERATOR

A GE or equal approximate 2.7 cubic foot 110 volt refrigerator shall be furnished and installed in the galley base cabinet. It shall have adjustable door bins for various container sizes. Freezer shelf shall hold ice cube tray. Refrigerator shall have durable and easy to clean white powder coated shelves. Refrigerator shall provide for off-level operation up to 30 degrees.

MICROWAVE

A Panasonic microwave shall be furnished and installed in the galley overhead cabinet.

COFFEE MAKER

A Conture custom coffee maker shall be provided. Coffeemaker shall be a design that prevents spillage in moving vehicle.

CURB SIDE OVERHEAD CABINET

A cabinet approximately 24" high x 48" wide with two equal doors shall be installed above the communications work center and shall be provided with one (1) full compartment adjustable shelf behind each door. It shall have a “Dry Erase finish” surface on all doors. The doors shall have a full length aluminum pull handle on each door. Overhead cabinets shall have radius edges and corners for occupant protection.

CURB SIDE BASE CABINET

One (1) street side counter top will be installed in the work center. It will be approximately 29” high with a full length counter top 21” deep x 48” long.

INTERIOR COMPARTMENT WALLS

The interior compartment walls shall be constructed of custom “Z” extrusions and the wall covered with 3/8” plywood and FILON panel.

POCKET DOORS

Sandwiched between two interior walls shall be an aluminum pocket door that will be 32” wide x 74” high. It shall be constructed from pre-finished white .063” aluminum riveted together with a polystyrene core. The door shall slide on a double roller upper door track. There shall be a pocket door between the galley and conference area and a pocket door between the galley and communications area.

INTERIOR COMPARTMENT LIGHTS

Five (5) Thinlite brand 18" recessed fluorescent lights shall also be provided and installed. On/off position switches shall be provided in convenient locations.

Install Three 12 Volt Red interior lights for use when low light is required. Location is to be determined at pre-construction conference.

CEILING HEADLINER

The headliner shall be constructed of a durable high-gloss Filon backed with a substrate material of 3/8” plywood.

STEPWELL LIGHTS

The interior step wells of the patient compartment shall have a Grote light recess mounted, to illuminate the stepping surfaces. It shall be activated by opening the entry/egress door of the vehicle.

FLOORING

A 3/4" plywood subfloor shall be installed on top of the one piece FILON sheet. The 3/4" plywood sheet shall be securely fastened with sheet metal screws long enough to penetrate the 3” Steel I-Beams below the FILON sheet. Underlayment substrate shall be placed over the plywood to create a level smooth surface for the vinyl flooring. This process shall create a sandwich effect for long lasting durability and a solid surface.

H.V.A.C. EQUIPMENT

Two (2) Coleman MACH 3 PLUS RV air conditioners with heaters shall be furnished and installed. The roof mounted air conditioners shall deliver a minimum of 13,500 BTU hour of cooling and delivers 340 cu. ft. of air movement per minute on high. The Heater Assembly shall deliver 5600 BTU of heat on high setting.

VACUUM FORMED UPHOLSTRY

All seating and backrests shall be constructed of 60 ounce vacuumed formed, seamless vinyl.

COMMUNICATIONS, TELEVISION, AUDIO/VISUAL, AND RADIO EQUIPMENT

A Viewsonic 26” LCD TV shall be furnished and installed.

BODY PAINT COLOR

The body shall be painted white.

OPERATOR'S MANUAL

A vehicle owner's manual (reference handbook) for the ambulance shall be provided in an 8 1/2" x 11" three-ring hard cover loose leaf binder. It shall contain copies of the chassis manufacturer's warranties and owner's manual, copies of the body manufacturer's warranties and operating/service instructions, component manufacturer's equipment information, installation, operating, service instructions, warranties, etc.

<customer name>
BID FORM

NAME OF BIDDER: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

TELEPHONE: _____

PERSON TO CONTACT: _____

We herewith submit and bid as follows:

CHASSIS/MAKE: _____

MODEL/TYPE: _____

F.O.B. POINT: _____
DELIVERY/CALENDAR DAYS: _____

BID IS: _____ AS PER SPECIFICATION TAKING NO EXCEPTIONS

BID IS: _____ TAKING ONLY THOSE SPECIFICATION EXCEPTIONS LISTED, ATTACHED AND REFERENCED TO PARAGRAPH

It is agreed by the undersigned bidder that the signature and submission of this bid represents the bidder's acceptance of all terms, conditions, and requirements bid specifications and, if awarded, the bid will represent the agreement between the two parties.

SIGNED: _____ DATE: _____

NAME PRINTED: _____ TITLE: _____

*NOTE: All variations and/or exceptions must be listed on the attached pages by page and paragraph number from specifications and explained in detail. Failure to so list the exceptions will disqualify the bid.

EXCEPTIONS / CLARIFICATIONS
<customer name>

Each bidder may copy this form, as necessary, to sufficiently list all exceptions and variations from specifications. (Please list item number and if vendor chooses not to supply, or is unavailable, or describe deviations or substitution in detail, if furnished). Purchaser will be the sole judge of proposed substitution equivalency.

VENDOR NAME: _____

BIDDING: _____

EXCEPTION PAGE _____ OF: _____

SPEC. PAGE: REFERENCE NR: EXPLANATION: