

**MOBILE FORENSIC LABORATORY  
On  
Hino 258LP Chassis  
Specifications for**

**MFL – 18 MEDIUM DUTY CHASSIS  
MODULAR BODY CONSTRUCTION**



<Insert Department Logo>

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".

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**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 drawings, descriptive literature, and complete specifications covering the products offered. Bids not meeting this requirement will be considered non-responsive and rejected.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**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?

**\*Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**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: \_\_\_\_\_

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**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: \_\_\_\_\_

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **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.

### **COMMERCIAL GENERAL LIABILITY INSURANCE**

The successful bidder shall, during the performance of the contract and for one (1) year following acceptance of the product, keep in force at least the following minimum limits of commercial general liability insurance:

Each Occurrence	\$1,000,000
Products/Completed Operations Aggregate	\$2,000,000
Personal and Advertising Injury	\$1,000,000
General Aggregate	\$2,000,000
Automobile Liability	\$1,000,000
Additional Liability	\$1,000,000
Workers Compensation & Employers Liability	\$ 500,000
Garage Keepers Liability	\$ 600,000

Coverage shall be written on an ACCORD Commercial General Liability form. The policy shall be written on an occurrence form and shall include Contractual Liability coverage for bodily

injury and property damage subject to the terms and conditions of the policy. The policy shall include Owner as an additional insured when required by written contract. The Company providing the insurance cover shall have and A.M. Best rating of A+15 as a minimum. **NO**

**EXCEPTIONS**

Does bidder comply with specifications as written?

Yes \_\_\_\_\_

No \_\_\_\_\_

**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

Does bidder comply with specifications as written?

Yes \_\_\_\_\_ No \_\_\_\_\_

**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**

Does bidder comply with specifications as written?

Yes \_\_\_\_\_ No \_\_\_\_\_

**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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **MANUFACTURING CAPABILITY**

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

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **ENGINEERING CAPABILITY**

To demonstrate your company's abilities and to show understanding of the written bid specifications, each manufacturer must submit with the bid, scale drawings of the vehicle it proposes to supply. Drawings must be "design and construct" drawings that will be used in the manufacture of the vehicle. At a minimum they must show overall dimensions, compartment sizes, lighting package, and major specified options. The drawings should show the front, rear, right side, and the left side of the exterior. They should also include the interior bulkhead, street side, curb side cabinet plans and the interior floor plan layout. The reproduction of the drawing furnished with the bid will not be acceptable as each manufacturer utilizes different material sizes and construction techniques. NO EXCEPTIONS

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **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 200 miles from the purchaser's location, the transportation shall be by commercial air carrier.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **FINAL INSPECTION**

Two (2) members of the \_\_\_\_\_ Department will travel to the manufacturer's 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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **INTERIOR HEADROOM**

85" 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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**CHASSIS MODEL AND TYPE (Other Chassis Choices Available)**

Description: 2013 Hino 258LP  
258LP-10M 205" WB / 137.6" CA

**ENGINE**

J08E-TV Turbo charged and intercooled with glow plugs, 6 cylinder, In-line water-cooled; Max Output 220hp @2500rpm; Max Torque 520lb.ft. @ 1500rpm; 7.68L displacement, EPA07 Emissions Certified

**EXHAUST BRAKE**

Exhaust brake with driver controls

**TIRES**

Front tires - Bridgestone 245/70R19.5 R250F Rib pattern; Rear tires - Bridgestone 245/70R19.5 M724F Lug pattern.

**AXLE STANDARD**

Standard Rear Axle Ratio 4.11

**TRANSMISSION**

MB6RDS Auto-PTO Allison 2200RDS series 6 speed

**AXLES**

Front axle Meritor MFS8 reversed Elliot "I" beam oil lubricated 8,000 lb. rating. Rear axle Meritor RS17-145 full-floating single reduction single speed by hypoid gearings, 17,500 lb. rating.

**SPRINGS**

Front spring: Taper-leaf springs with shock absorbers, 8,000 lb. rating; Rear spring: Semi-elliptic main and auxiliary helper-leaf spring, 19,000 lb. rating.

**BRAKES**

Hydraulic dual circuit with Antilock Brake System (ABS). Front Brakes: 15.375" diameter x 18.96" pad area x 0.74" thickness: Rear Brakes: 15.375" x 18.96" x 0.74". Drum diameter 12" Meritor.

**FRAME**

Straight C Channel frame ladder type, 34" width, yield strength 80,000 PSI, resistance bending moment 1,031,900 in./lbs. (one side no reinforcement).

**WARRANTY**

Basic Vehicle-24 months unlimited mileage;

Engine-36 months unlimited mileage;  
Emission-60 months 100,000 miles;  
Frame Rails & Cross Members-48 months unlimited mileage;  
Cab-48 months unlimited mileage;  
ABS-24-36 months 300,000 miles.

#### HINO WATCH

Roadside assistance: 3-year unlimited roadside assistance including: lockout, out of fuel, battery jumpstart, information, and warranty towing.

#### BATTERY

Two 12 volt parallel connection, 1200 CCA

#### STARTER

12 volt 2.5kw Denso starter

#### ALTERNATOR

12 volt 100 amp Delco brush alternator

#### FUELTANK

Aluminum 52 gallon capacity fuel tank

#### FUEL FILTER

Davco 230 FuelPro Heated fuel/water separator

#### RADIO

AM/FM radio with single CD, two speakers

#### AIR CONDITIONER

Air conditioner - Denso 134

#### HEATER/DEFROSTER

18,357 BTU/h Heater/Defroster

#### FRONT GRILL

Chrome plated front grille

#### CAB SEATS

Vinyl driver seat adjustable reclining, with coil suspension and two person passenger bench seat. Three point seatbelt for driver and outer passenger, two point seatbelt for center position.

#### DISPLAY

Information display listing: Instant and trip fuel consumption, Diesel Particulate Reduction System performance/status, maintenance intervals, engine and vehicle diagnostics.

#### INDICATORS

Warning indicators for: oil pressure, brake pressure, coolant level, battery charge, high beam, turn signal, parking brake,

engine control system and ABS.

MISCELLANEOUS

Miscellaneous Standard Equipment - Cruise control, Power Steering with Tilt and Telescopic steering column, Cup Holders, Cigarette Lighter, fully trimmed rear panel with coat hook, two overhead compartments, two door pockets, sun visors.

LAMPS

Trucklite LED marker lamps, stop/tail lights, back-up lights, side-flasher lights.

HORN Electric (dual)

GAUGES

Speedometer mph (km/h), odometer, fuel gauge, coolant Temperature gauge, engine tachometer, air pressure gauge.

AIR TANK

49 liter tank, compressor 16.86 CPW (154cm<sup>3</sup>/rev.@3100rpm)

AIR DRYER

Nabco - heated

OIL

16.15 quart capacity

COOLING SYSTEM

6.08 gallon capacity

EMISSIONS

Surcharge for EPA07 Emissions

FREIGHT Equalized Freight Charge

ALUMINUM WHEELS Z05XB

Alcoa polished aluminum wheels (four wheels - inner rear is steel) 19.5" x 6.75" 8-stud disc

POWER WINDOWS/DOOR LOCKS

Power Windows & Door Locks

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**FUEL SYSTEM CAPACITY**

The fuel system capacity shall be a minimum of 52 gallons and shall meet FMVSS 301 "Fuel System Integrity".

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**BULKHEAD CAB**

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

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **ENGINE BLOCK HEATER**

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

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **TIRE FILL EXTENSIONS**

Stainless steel braided fill extensions shall be provided on all inside rear tires of the dual rear wheel vehicle.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **VEHICLE WIRING**

All insulated cable shall conform to SAE J1292 requirements and shall have type GXL 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 white and black conductors with a green ground are found inside of a white jacket. 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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **BATTERY**

There shall be two (2) "No Maintenance" 12 volt batteries. They shall total not less than 1200 CCA with 160 minutes of reserve capacity each @ -18 degrees Centigrade. The battery shall be located in the OEM location under the driver step, below cab door, in a tray.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **BATTERY ISOLATOR**

Furnish and install one (1) 160 Amp battery isolator Model # 1602P, with an input voltage of 6-50VDC single input dual battery isolator.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **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 Center. Due to the potential danger associated with a separate "battery hot" circuit, no exception to the above will be accepted.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **CIRCUIT BOARD 12V PANEL**

The 12 VDC 100 AMP circuit board panel shall be a blade fuse block with cover with a negative buss. It shall be of reinforced polycarbonate and the cover shall be clear polycarbonate. Labels shall be included to identify circuits and be protected by cover. It shall accept Blade fuses and have 6 to 12 circuits available. It shall meet ABYC/USCG requirements.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **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 a 20 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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **CIRCUIT BOARD 110V PANEL**

The 120/240 VAC 100 AMP circuit board panel shall be a NEMA-1 rated, UL listed single phase with fixed main-lugs and ten spaces. It shall be installed in the dedicated electrical compartment

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**GENERATOR**

There shall be an Onan 7,500 watt commercial Quiet Diesel fueled generator mounted in a manufacturer approved enclosure specifically designed for this generator. The compartment shall be color coded with the body and include a latching door with adequate ventilation and be side body mounted flush with the exterior. The exhaust will be piped under the vehicle to a safe corner location using exhaust components that can be easily located and replaced by local mechanics. The fuel line shall be piped into the vehicle's fuel tank with a factory approved filler tube which shall be short of the bottom of the fuel tank not to allow the vehicle to run out of fuel. Generator shall be remotely started including an hour meter and able to run while the vehicle is responding.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**EXTERIOR SHORE POWER-60 AMP**

There shall be a 220 volt twist-lock male plug rated at 60 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, 60 amp power supply". A 25' cord shall be furnished.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**EXTERIOR SHORE POWER-15 AMP**

There shall be a 110 volt twist-lock male plug rated at 15 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, 60 amp power supply". A 20' cord shall be furnished.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**INTERIOR 115 VOLT AC OUTLETS**

There shall be 12 (12) three-wire duplex 115-volt AC receptacles. There shall be six [6] in the curbside counter area, one [1] in the bath area and five [5] in the street side counter 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".

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**SIREN/P.A. SYSTEM**

A Whelen WS-295HF siren shall be furnished and installed. This shall be a hands free model.  
**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **SPEAKER**

A Whelen #SA31101D speaker shall be securely bolted through the chassis OEM front bumper on the driver's side.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **SPEAKER**

A Whelen #SA31101P speaker shall be securely bolted through the chassis OEM front bumper on the passenger's side.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **SCENE LIGHTS**

Scene Lights shall be furnished and consist of six *Whelen* 810 series white quartz halogen scene light with 8-32 degree optics, model number 810CA0ZR (or current model). Two each shall be mounted on left side, right side and two on rear of body. Two switches shall be provided to operate lights on either side of body.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **120 VOLT 500 WATT QUARTZ LIGHTS**

Two [2] 500 Watt quartz lights shall be furnished. Each lamp head shall be 120 volt, Extenda-Lite 500 watts, draw 4.2 amps and have an output of 16,830 Lumens. The lamp head can be rotated 360 degrees, elevate up to 8 feet, have an on/off toggle switch, and can be tilted without a locking device with the friction controlled knuckle assembly. The screw type locking collar shall be an aluminum extrusion that shall be coated with a clear anodized finish for protection from inclement weather. A plastic collet tightens against the pole.

The 46" leg spread and the plug wired at the bottom will provide stability.

The wiring shall be a minimum of 16 gauge wire that is properly supported and protected from damage. The light shall pass the 10th edition of UL 153, 83.1 Dielectric Withstand test. A serial number shall be assigned to each light and the results of the quality test shall be recorded and documented to the serial number. Extenda-Light Tripod Mounting Bracket used to mount Tripod lighting to exterior of emergency vehicle. Two brackets are furnished.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **LIGHT BAR – CAB MOUNTED**

The Zone A Upper area shall have a Whelen #FN60QLED Blue Edge Ultra Freedom Lightbar with clear outer lens and 60" in length. Two (2) Pair Whelen #FLDBB option shall be provided that consists of four (4) blue LED light heads. These light heads shall be installed in the front of the light bar. The light bar shall be permanently mounted on the cab roof on riser brackets to project the light straight to the front and rear.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **UPPER FRONT 900 SERIES SUPER LED LIGHTS BLUE**

Two *Whelen* 900 series Linear Super LED light-heads with internal flasher, blue LED's with clear outer lens, model 90RR5FCR (or current model). Includes chrome flange 90FLANGC (or current model) are to be mounted one on each side of the upper rear of the body.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **SIDE BODY WARNING LIGHTS**

Two *Whelen* 900 series Linear Super-LED light-heads with internal flasher, red LED's with clear outer lens, model 90RR5FCR (or current model). Includes chrome flange 90FLANGC (or current model) are to be mounted one on each side of the upper sides of the body. Two each shall be mounted on left and right side of body.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **REAR BODY WARNING LIGHTS**

Two *Whelen* 900 series Linear Super LED light-heads with internal flasher, blue LED's with clear outer lens, model 90RR5FCR (or current model). Includes chrome flange 90FLANGC (or current model) are to be mounted one on each side of the upper rear of the body.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **GRILLE WARNING LIGHTS**

Two (2) Whelen FFXEP19L Whelen warning light LED shall be mounted on the cab grill. This light is blue and clear LED combinations.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **BODY CONSTRUCTION CHARACTERISTICS**

The Aft Custom Body shall be 216" long and will be completely designed and manufactured in-house, and will be an all-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 seamless finish with no exposed fasteners. The body shall be attached to the chassis with hardened steel "U" bolts fastened to the chassis and body mounting rails. A .75" x 3.5" rubber isolator of 50 durometer 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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **ROOF**

The roof shall be constructed of one-piece .125" 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. For this reason, flat roofs shall be considered unacceptable. There shall be approximately fourteen (14) .125" x 2" x 2" cross members 16" on center and be made of a highly corrosion resistant 6061T6 alloy with 1% magnesium and .6% silicone with a tensile strength range of 31,000 to 35,000 psi. Corner caps shall be cast aluminum and welded in place.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **WALLS**

The sides shall be constructed of .125" 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. Each sidewall shall have fourteen (14) vertical .125" x 2" x 2" wall studs 16" on center and joined to the roof supports. The body 2" x 2" channels shall be a highly corrosion resistant 6061T6 alloy with 1.0-% magnesium and .6% silicone and a tensile strength range of 31,000 to 35,000 psi. All box 2" x 2" roof and side support bows are .125" aluminum. 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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **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 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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**ENTRY DOOR**

The Sedan style automotive entry/egress doors shall be constructed of .125" 5052H32 aluminum sheet box formed with a 1-7/8" return bend supporting the .090" 3003 alloy aluminum inner liner covered in Formica laminate. Extruded doors and/or door frames are not acceptable. In addition, for maximum rigidity, 1-1/2" "C" channel bracing shall be added internally for additional door structural integrity. The hinge shall be a stainless steel staked piano hinge with a 1/4" hinge pin. The use of RV style doors is not acceptable.

The doors shall have a FMVSS approved Tri-Mark rotary latch with a Tri-Mark locking handle and shall have a two-point rotary latch with adjustable Nader pins located on the side of the door. It shall also be equipped with a gas strut door check sized to the door. The door shall provide a clear opening of at least 32" wide and 80" high. When opened, the door shall activate the interior ceiling lights. The door will open outward from the interior and have a Yale or equal dead bolt lock keyed to the exterior and a twist lock on the interior in addition the Tri-Mark door handle. Interior of doors shall be equipped with 1-1/4" stainless steel 45 degree angled patron grab handle.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**DOOR WINDOW**

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

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**EXTERIOR COMPARTMENTS****EXTERIOR COMPARTMENT DEPTH**

All exterior compartments shall have a clear depth of approximately 30".

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**LEFT SIDE COMPARTMENTATION****FORWARD OF REAR WHEEL WELL - D1 (STREETSIDE)**

One lower compartment shall be provided in the forward area ahead of the rear wheels. The (D1) Generator compartment shall have the approximate dimensions as follows: 48" wide x 30" high The (D1) compartment shall have a solid flush mounted top hinged door constructed of aluminum. The generator compartment shall have a louvered vented door.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**RIGHT SIDE COMPARTMENTATION****FORWARD OF REAR WHEEL WELL - P1 (CURBSIDE)**

One lower compartment shall be provided in the forward area ahead of the rear wheel well. The (P1) 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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **EXTERIOR COMPARTMENT FABRICATION**

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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **EXTERIOR 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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **COMPARTMENT ILLUMINATION**

Each exterior compartment shall be lighted with a dome light. 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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**INSULATION – POLYSTYRENE**

The module shall have 1-1/2" high density polystyrene 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 shall be insulated with 1/4" astro-foil bubble insulation.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**EXTERIOR GRAB RAIL**

An exterior style 16" stainless steel grab rail shall be installed on the rear of the vehicle to the left of the entrance door. The grab rail must be bolted to the aluminum side structure with fender washers and rubber gaskets. A grab rail mounted to the body skin is unacceptable.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**REAR STEP****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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**FENDERETTES**

Polished Aluminum Fenderettes shall be provided in each rear wheel well. They shall help prevent damage to the underside of the body caused by stones and road debris.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**LICENSE PLATE HOLDER**

The rear license plate holder Shall be a polished recessed aluminum casting with two 12 volt lights built into casting to light vehicle tag. It shall be mounted on the left rear side of the vehicle.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**BODY AWNING**

One (1) Carefree twelve foot (12') electric awning with windsmart detector shall be installed on curbside of vehicle body.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**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

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **STREETSIDE OVERHEAD CABINET**

A cabinet approximately 24" high x 120" wide x 14" deep with five equal doors 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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **STREETSIDE BASE CABINET**

A street side base cabinet will be installed in the conference work center. It will be approximately 40" high x 120" wide x 24" deep with a full length .090" stainless steel counter top 25" deep x 120" long with a gasket lock radius backsplash. There shall be one shelf behind each door. The base cabinet shall have radius edges and corners for occupant protection. The cabinet shall have an opening for a refrigerator. The counter top and base cabinet shall be equipped with a stainless steel sink.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **STREETSIDE EQUIPMENT CABINET**

A street side base cabinet will be installed in the work center. It will be approximately 28" high x 38" wide x 30" deep and formed from 2" x 2" x .125" structural aluminum tube. It will have a .090 stainless steel counter top 30" deep x 42" wide. There will be a lower shelf framed out of aluminum tube to hold heavy supplies and equipment. The shelf should be 14" high x 42" wide x 24" deep and covered with .090 aluminum sheet. This cabinet is for the fuming hood.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **LABORATORY REFRIGERATOR**

A Norcold 2.7 cubic foot refrigerator model # DE-0251 T 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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **POTABLE WATER SYSTEM**

The laboratory shall be equipped with a rectangular single stainless steel sink, 4" center set faucet, sink strainer, 30 gallon fresh water tank, and a holding tank. It shall include a Shur-Flo model # 2088-422-44412V water pump with sound absorbing base plate, an exterior potable water fill with cap, water level gauge, and a drain petcock on the water tank. It shall be completely plumbed for the DWV system. An additional five gallon water jug shall be furnished. Water pump shall be warranted for five years.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **HOT WATER HEATER**

A 2.5 gallon electric hot water heater shall be furnished. It shall be properly vented and installed per the manufacturer's recommendations.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **RESTROOM AREA**

#### **COMMODE**

A Thetford C200CS cassette toilet shall be installed. A Thetford C200CS cassette holding tank shall be furnished.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

#### **MIRRORED STORAGE CABINET**

A mirrored wall mount storage cabinet with depth to store toilet tissue shall be installed in the restroom area.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **EXHAUST VENT**

A Fan-tas-tic roof vent shall be installed in the restroom area. It shall have a wall switch separate from the light switch.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **RESTROOM DOOR**

A 24" X 74" solid door with aluminum perimeter frame and polystyrene core mounted in aluminum jamb with a chrome plated paddle door lock shall be furnished.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **CURBSIDE OVERHEAD CABINETS**

Two [2] cabinets approximately 24" high x 108" wide x 14" deep with four equal doors shall be installed above the 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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **CURB BASE CABINETS**

Two (2) curb side base cabinets will be installed in the work center. They will be approximately 40" high x 90" wide x 24" deep with six [6] drawers approximately 12 inches high and seven [7] doors with a full length stainless steel counter top 25" deep x 180" long with a gasket lock radius backsplash. The drawers and doors shall have a full length aluminum pull handle on each drawer and door. The base cabinet shall have radius edges and corners for occupant protection.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **CURB SIDE WORKSTATION**

A full length counter top 25" deep x 36" long x 29" high shall be installed. The counter top shall be finished in a high quality laminate with a gasket lock radius backsplash. There shall be two 18" wide x 3" high x 18" drawers below the counter top.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **INTERIOR COMPARTMENT WALLS**

The interior compartment walls shall be constructed of custom "Z" extrusions 1.5" x 1.5" with .090 wall covered with 3/8" plywood and FILON panel.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**INTERIOR COMPARTMENT LIGHTS**

Nine (9) Thinlite brand 18" recessed fluorescent lights shall also be provided and installed. On/off position switches shall be provided in convenient locations.

Six (6) 18" surface mounted Thinlite lights shall be provided and installed in the primary operations area consoles. These lights shall have a manual "on/off" switch.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**CEILING HEADLINER**

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

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**FLOOR COVERING**

An Lonseal all vinyl one piece floor covering shall be provided. It shall have a smooth coin pattern for both traction and ease of clean up.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**SLIDING DOOR WALK-THROUGH**

There shall be a sliding access door 58" high x 20" wide x 3/4" thick and shall have a fixed, tinted Plexiglas window trimmed in aluminum. The door shall slide freely on a suspended track with a bottom guide and shall have positive latches to hold it in both the open and closed positions. The door shall slide behind the driver seat.

An aluminum partition wall framed with aluminum "Z" channel placed on 16" centers and plated with .063" aluminum formed and attached to the roof, both sides, and floor shall be installed. The interior compartment side of the partition shall be covered with 3/8" plywood covered with FILON. The driver's side of the partition shall be covered with a mildew resistant marine style carpet of a color that matches with the cab interior colors.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**H.V.A.C. EQUIPMENT**

One (1) 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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **COMMUNICATIONS, TELEVISION, AND RADIO EQUIPMENT**

A DVD/VCR shall be installed in the upper cabinet on driver's side of vehicle.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **WEATHER STATION PRE-WIRE**

The laboratory shall be pre-wired for a weather station that will be installed in the communications area.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **COMPUTER EQUIPMENT**

An LCD computer monitor shall be installed on the wall of the desk area and

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **CRIME SCENE KITS**

#### **Master Serology Evidence Kit**

Contains all the essential materials needed to collect and preserve serology evidence such as blood, semen, and other bodily fluids.

Contents:

- Luminol Reagent, Spray Bottle and Mixing Bottle
- Phenolphthalein Presumptive Blood Test Kit
- Gloves, Filter and Sterile Collection Materials
- Detailed Instructions
- Sterile Water Vials
- Sterile Cotton Swabs and Gauze Pads
- Collection/Preservation Envelopes

#### **SPEX Evidence Packaging Kit**

Our kit comes complete with a variety of packaging supplies to help you collect evidence.

Contents:

- 10 – Clear-Site ID Envelopes
- 25 – #12 Paper Evidence Bags

- 25 – #25 Paper Evidence Bags
- 25 – #1/6 Paper Evidence Bags
- 5 – Mammoth Bags
- 25 – Coin Envelopes 3 1/2" x 6 1/2"
- 25 – 4" x 9" Twin-Seal Bags
- 25 – 9" X 12" Twin-Seal Bags
- 6 – Syringe Tubes
- 6 – Slide Evidence Boxes (Medium)
- 2 – Small Weapon Tube
- 2 – Large Weapon Tube
- 10 – E-Tags
- 10 – Nylon Ties
- 1 – SPEX-Guard Tape
- 2 – Sharpie Markers
- 10 – Check Protectors
- 10 – 3" x 5" Recloseable Bags
- 10 – 6" x 8" Recloseable Bags
- 10 – 9" x 12" Recloseable Bags
- 3 – 2 oz Evidence Jars
- 3 – 4 oz Evidence Jars
- 3 – 1 oz Evidence Cans
- 3 – 4 oz Evidence Cans

### **24" Horizontal Kraft Paper Roll Dispenser/Cutter**

### **40# Butcher Paper Roll**

These paper rolls are available in brown and white Kraft 40# x 900'. Utilize this product when covering a work area when examining evidence or packaging large items.

### **Series Large Measuring Wheel**

Features all steel construction to provide heavy-duty strength and durability. The 5-digit ratchet counter measures up to 100,000 feet or meters, with convenient reset knob. A calibrated wide rubber wheel accurately measures a wide variety of terrain, including paved and unpaved surfaces. Easy to transport and store.

### **Advanced Silicone Casting Kit**

This kit contains all the necessary components for preparing silicone cast impressions found in sand, mud, dirt, and snow. The kit contains the majority of components used in

our Advanced Tire and Footprint Plaster Casting Kit but is supplied with liquid silicone rubber. The use of silicone provides minute details of the impression and eliminates the possibility of breakage of the casting in transit to the laboratory. This kit also includes items required to mark the casts as collected evidence.

Contents:

- Copolymer Carrying Case, 19" L x 11" W x 10" H
- 8 lbs Silicone Casting Rubber
- 12.8 oz Silicone Catalyst
- 3 ml Silicone Accelerant Solution
- 64 oz Dust, Sand, and Dirt Hardener Solution
- 8 oz Hardener Solution Spray Bottle
- 8 oz Pump Head Cleaning Solution
- 6.56 oz Snow Impression Wax Hardener Aerosol
- 11.5 oz Acrylic Sand and Dirt Hardener Aerosol
- 4 – Flexible Mixing Bowl (S, M, L, and XL)
- 8 oz Casting Dams Molding Clay
- 9 oz Casting Release Spray Aerosol
- Cast Cleaning Brush
- Mixing Spatula
- 16' Tape Measure
- Footprint Casting Frame
- 25 – Evidence Tags with ties
- Evidence Marking Crayon, black
- Pipette
- 3 – Plastic Trowels (S, M, and L)
- Kit Instruction Sheet

**Barrier Tape**

Hold back crowds and protect your crime scene. Available in 3" x 1000" rolls. Customization available.

### **Barrier Tape Dispensers**

### **Basic Crime Scene Sketch Kit**

Contents (one each):

- 8" x 12" Aluminum Clipboard
- 50-sheet Quadrille Ruled Pad
- 12" Transparent Ruler
- Mechanical Sketch Pencil
- 30/60° Clear Plastic Triangle
- 45/90° Clear Plastic Triangle
- Traffic Accident Template
- Road Wizard Traffic Template
- Double Traffic Template Set
- House Furnishing Template
- Office Plan Template
- Crime Scene Template
- Human Figure Template
- Protractor
- Kit Instruction Sheet

### **Bullet Hole Test Kit (Lead & Copper)**

The examination of suspected bullet holes in clothing, bodies and other objects for the presence of lead and copper can frequently provide valuable information such as whether the damage was caused by a bullet, the bullet unjacketed by the presence of lead wipe, copper jacketed and angulations of penetration.

### **Forensic Entomology Kit**

The Forensic Entomology Kit is for the collection of insects and related arthropods that are associated with death investigations. Forensic Entomology Kit provides specific instructions on the procedures to collect specimens for evaluation. The customized forms were written clearly and concisely in order to provide step-by-step directions that investigators will find easy to use. Even investigators with limited experience utilizing forensic entomology kits will find the kit to be straight-forward and designed to walk them through the process with confidence.

Kit Components:

- 1 ea. Kit Case
- 10 ea. Entomology Log Sheet for Samples
- 10 ea. Forensic Entomology Data Form
- 10 ea. Temperature Calibration Form
- 1 ea. Instruction Booklet
- 1 ea. Set of 7 Nesting Specimen Containers
- 1 ea. ABFO Photomacrographic Scale
- 2 ea. Blunt Tip Disposable Forceps
- 1 ea. Killing Jar - 16 oz.
- 1 ea. Insect Net
- 1 ea. KAA Chemical - 12 oz.
- 1 ea. 80% ETOH - 12 oz.
- 1 ea. Ethyl Acetate - 12 oz.
- 4 ea. Vented Container - 16 oz.
- 1 ea. Trowel 10 ea. Plastic Spoons
- 1 ea. Dial Thermometer
- 1 ea. Vermiculite - 16 oz.
- 1 ea. Sawtooth® Evidence Tape - Red
- 3 ea. Wide Mouth Sample Containers - 90 ml
- 16 ea. Vials with Cap - 20 ml
- 15 ea. Aluminum Foil Squares
- 50 ea. Non-Adhesive Paper Labels

- 50 ea. Adhesive Paper Labels
- 2 ea. Mechanical Pencils
- 24 ea. Towelettes
- 12 ea. Large Nitrile Barrier Gloves
- 12 ea. X-Large Nitrile Barrier Gloves

### **Gunpowder Particle Detection Kit**

The distribution, density, and physical characteristics of powder particles can often reveal the distance and angle of firing. This information can assist in distinguishing between homicide and suicide and can often discredit a suspect's version of the incident. This kit provides all the tools required to perform a very sensitive test to detect and visualize the nitrates contained in these minute powder particles,

Contents:

- Eight complete sets of gunpowder detection reagents
- Gunpowder detection paper
- Gunpowder particle collection sheets
- Spray bottles
- Instructions

### **ISID-2 - Instant Shooter Identification Kit**

An advanced gunshot residue (GSR) test kit. Testing has been available in different forms for about 30 years, but all tests to date had one common feature: the investigator "swabs" the hands of the suspect to collect GSR particles, then sends the swabs to a Crime Lab for analysis by various methods. ISID-2 is different in that it is a "binary" test. It allows the investigator to test the suspect two times for GSR residues:

1. Directly on the scene (which provides an immediate investigative or "presumptive" benefit).
2. In the lab (which provides "evidentiary" data).

### **Investigator Thief Detection Kit**

A combination of the Visible Thief Detection Kit and the Fluorescent Thief Detection Kit.

Contains:

- a jar of Visible Thief Detection Powder

- a visible powder applicator brush
- a jar of Fluorescent Thief Detection Powder
- a fluorescent powder applicator brush
- a tube of Thief Detection Paste
- a tube of Fluorescent Thief Detection Paste
- applicator swabs
- packaged in a sturdy case with foam insert

### **Laser Trajectory Kit**

Activated by rotating the band on the housing with optimum control. You have the control of turning the beam on/off, or adjusting the band to a constant beam during photography.

Wavelength of approximately 650nm with visibility up to 1200'.

Contents:

- 4 - 3/8" Steel Protrusion Rod Sets with Connectors
- 4 - Tapered Spacer Cones (two sizes)
- 5 - O-rings
- 1 - Angle Finder
- 1 - Tripod Mount
- 1 - Laser Apparatus
- 2 - Eye Connectors for Stringing (string included)
- 1 - Fluorescent Colored Nylon Twine (160' spool)
- 2 - AAA Alkaline Batteries
- 1 - Carrying Case

### **Professional Instrument Kit**

Quality stainless steel surgical instruments pick up small objects, move items, take samples and hold objects.

Contents:

- 6.5" Large Blunt Scissor
- 5.5" Medium Sharp Scissor

- 4.5" Fine Sharp Scissor
- 6" Large Smooth Tip Forceps
- 4.5" Fine Serrated Tip Forceps
- 6.5" Large Smooth Tip Locking Hemostat
- 5" Fine Smooth Tip Locking Hemostat
- Teasing Needle, Straight
- Teasing Needle, Angled
- #10 Scalpel
- #11 Scalpel
- Fleece-Lined Zippered Leatherette Carrying Case

### **Mirror Inspection Kit**

This rugged, aircraft aluminum case holds three sizes of mirrors, one magnifier, two pickup magnets and a handle with a built-in flashlight. The handle telescopes from 7 to 32". The two magnets can be used to pick up metallic items. The small magnet can hold up to 3 pounds and the large magnet can hold up to 10 pounds.

### **Serial Number Restoration Master Kit**

Contains serial number restoration liquids or gels (2 oz) for mild steel, HHS/nickel steel, cast iron, aluminum, brass copper, and plastics. Comes complete with acid neutralizer, emery polishing paper, fine file, gloves, safety glasses, cotton-tipped applicators, dropping pipettes, protective oil, and clay dam. Packaged in case and foam.

### **Master Photo Documentation Kit**

Master Photo Documentation Kit

Contents:

- 100' Measuring Tape
- 12' Measuring Tape
- Large Number Adhesive Booklet
- Small Number Adhesive Booklet

- Arrow Adhesive Booklet
- 1" x 30' Continuous Scale
- 2 – 6" White Vinyl Photo Scales
- 2 – 6" Gray Vinyl Photo Scales
- 2 – 6" Black Vinyl Photo Scales
- 2 – 6" Yellow Vinyl Photo Scales
- 2 – 2" White Vinyl Photo Scales
- 2 – 2" Gray Vinyl Photo Scales
- 2 – 2" Black Vinyl Photo Scales
- 2 – 2" Yellow Vinyl Photo Scales
- 2 – #2A Photo Scale (metric and inch)
- 1 - 6" Yellow Magnetic Scale
- 1 - 6" White Magnetic Scale
- 1 - 6" Black Magnetic Scale
- 1 - 6" Gray Magnetic Scale
- 1 - 2" Yellow Magnetic Scale
- 1 - 2" White Magnetic Scale
- 1 - 2" Black Magnetic Scale
- 1 - 2" Gray Magnetic Scale
- 1 - #2M Magnetic Scale
- Folding Reference Scale
- Photo-Mark Evidence Markers Numbers (1 – 50)
- 1 - Roll of 20mm Adhesive Photo Scales
- 50 pk of 2" White Adhesive Scales
- 50 pk of 2" Gray Adhesive Scales
- 50 pk of 2" Black Adhesive Scales
- Set of Five Photo-Mark Direction Arrows
- Large Pad Photo Identifier Cards

**The Reference Scale Kit**

Kit Includes both the small and large reference scales.

**NIK Master-Pac**

For use where complete poly-testing is anticipated or drug overdose is suspected.

Presumptively identifies 25 controlled substances. Identifies 25 controlled substances.

Contains:

- 20 - Each of Test A and E
- 10 - Each of Tests B, C, D, G, H, J, K, L and M
- 1 - Acid Neutralizer (test F)
- 1 - Polytesting Instruction Manual
- 1 - Polytesting Report Pad
- 1 - Identidrug™ Desk Chart
- 1 - 10 Points Field Testing Tape
- 1 - Polystyrene Carry Case

**Dust-N-Bust Kit**

The Dust-N-Bust Kit was designed by Charlie Walsh, Special Agent, FBI (Retired), founder of the FBI's first Evidence Response Team (ERT) in Boston, Massachusetts. Charlie, after consultation with many of the thousands of law enforcement officers with whom he has either taught and/or worked crime scene investigations, determined what equipment was needed that would be useable and replenishable and not die on the shelf.

Dust-N-Bust Kit Contents:

**Evidence Collection Supplies**

- (100) 7" x 4" x 13 1/2" Paper Evidence Bags
- (100) 3 1/2" x 6 1/2" Kraft Envelopes
- (100) 9" x 5" Check Bags
- (100) 6" x 9" Write-on Bags
- (100) 9" x 12" Twin Seal Bags
- (100 Roll) Evidence ID Circles
- (100) Chain of Custody Labels

**Latent Print Powders**

- 2 oz Standard Black Powder
- 2 oz Standard White Powder
- 2 oz Standard Gray Powder
- 2 oz Red Fluorescent Powder
- 2 oz Green Fluorescent Powder
- 2 oz Orange Fluorescent Powder
- 1 oz Magnetic Black Powder
- 1 oz Magnetic Gray Powder
- 1 oz Magnetic Fluorescent Green Powder
- 1 oz Magnetic Fluorescent Orange Powder

**Brushes**

- 3 Fiber Brushes
- 3 Feather Brushes
- Commando Magnetic Applicator

**Lifting Supplies**

- 2" Clear Lifting Tape
- 2" Polyethylene Lifting Tape
- 1 Roll Remco™ Rough-Lift™ Tape
- (2) 2" Tape Dispenser
- (25) 2" x 2" Transparent C-Lift
- (25) 2" x 4" Transparent C-Lift
- (25) 4" x 4" Transparent C-Lift
- (2) 5.2" x 14.4" Transparent Gel Lifter

**Backing Cards**

- (100) 4" x 5" White
- (100) 4" x 5" Black

**Scales**

- 12" Metric/English Roll of Continuous Adhesive Photo Scale
- (1) 6" Yellow Magnetic Scale
- (1) 6" White Magnetic Scale
- (1) 6" Black Magnetic Scale
- (1) 6" Gray Magnetic Scale
- (1) 2" Yellow Magnetic Scale
- (1) 2" White Magnetic Scale
- (1) 2" Black Magnetic Scale
- (1) 2" White Magnetic Scale
- #2M Magnetic Scale
- 12" Continuous Roll of Large Numbers, Adhesive Scale

**Tools**

- Pocket Print Elimination Kit
- (12) Sharpie Marker
- 12" Stainless Steel Tweezers
- 6 Pair of Latex Gloves
- (4) Dust/Mist Respirators
- Magni-Pak Magnifier
- UV Lamp
- (100) Pipe Cleaners

**Chemical Processing**

- 6 pk White SPR Vials
- 6 pk Black SPR Vials
- One Liter Ardrex Pre-Mixed
- 250ml Black Wetwop
- Tape Glo Fluorescent Dye
- (6) Iodine Fuming Applicators
- 50 gram Cyanoacrylate Bottle

- Cyano Plate
- (100) Aluminum Fuming Dishes

### **Portable Fuming Kit**

Easy to put together and forms a “tent” that contains the cyanoacrylate vapors for effective development. This kit can also be configured to fume bodies. There are many configurations for fuming various items such as a safe, bicycle, or even longer items like a rifle or shotgun. Comes complete with directions.

Contents:

- 33 Pieces (20", 10", & 5" long) of 3/4" PVC Pipe
- 26 3/4" PVC Pipe Fittings
- One Roll of 1 1/2" Masking Tape
- One Plastic Canopy, 12' x 12 1/2'
- One 55 Gallon Plastic Drum Liner
- Six 24" x 24" Plastic Bags
- 4 Plastic Hooks for Suspending Items
- Portable Fan to Evenly Distribute Glue Fumes
- Digital Humidity & Temperature Gauge
- Sixty Minute Mechanical Timer
- Graphical Instructions
- Carrying Case

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **CRIME SCENE SEARCH EQUIPMENT:**

(1) 100' Hank Nylon Rope

(1) METAL DETECTOR MODEL G-500

A microprocessor driven ground search detector that automatically pinpoints targets. Simply press the power touch pad to begin your search for hidden weapons and evidence. The G-500's Graphic Target Analyzer will let you know what you've found before you start to dig. It's easy to read LCD display continuously displays all

control and discrimination settings, while the Target ID cursor helps identify specific targets even in trash areas. Powered by (8) AA batteries and weighs 3 lbs 8 oz.

(1) BSV Permanent Recovery Magnet with 225 lb. Lift Capacity, Steel Case and Eyebolt.

(1) Military Type Folding Shovel

(1) BSV Metal Tool Box with Flip-up Lid and Two Drawers

Measuring 18" X 10" X 9-1/2" and containing:

1/4" Electric Drill with Set of Bits

Ball Peen Hammer

Phillips Screwdriver

4" Screwdriver

8" Screwdriver

Scraper/Putty Knife

Regular Pliers

Adjustable Wrench

14" Multibar

Bolt Cutters

Tin Shears

Utility Knife

Hacksaw

Wood Chisel

Wire Cutting Pliers

Rubber Gloves

One (1) Professional Grade Aluminum Ladder

Furnish one (1) Extend & Climb 15.5' Professional Series Telescoping Ladder. Ladder retracts to store in exterior compartment.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **TRAINING PROGRAMS:**

Two training programs will be provided. The first training program will be a vehicle orientation program provided at Brown Specialty Vehicle Production Facility in Lawrence, Kansas. The second training program will be an accelerated forty-hour course that covers all of the forensic processes and general crime scene processing. The second training program will be provided by Brown Specialty Vehicles. Full details on both programs are provided below.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **VEHICLE ORIENTATION PROGRAM:**

The vehicle outlined in these specifications is a specialized piece of investigative equipment that features unique systems developed solely for Crime Scene Investigation. To insure that the vehicle and its systems are Understood, Used and Maintained properly, a vehicle orientation-training program will be provided.

The Training program will be coordinated with the completion of the vehicle so that the using personnel will be trained on the actual equipment to be utilized in the field. The program will be a hands-on demonstration and operation of all vehicle systems. Standard Operating Procedures and Maintenance Practices will be reviewed, demonstrated and discussed.

The Instructors for the course will be Knowledgeable Technicians who actually constructed the vehicle and have full knowledge of the systems. A complete instruction manual tailored for the vehicle will be used in conjunction with the "Hands-on" operation of the equipment to provide a comprehensive and complete training session.

The Training session will be provided at Brown Specialty Vehicles Production facility. This will allow for a complete and thorough inspection of the vehicle prior to its delivery. Attendance of the Vehicle Orientation Program is not limited though it is recommended that only the people who will be involved with the vehicle attend.

Brown Specialty Vehicles will provide all materials required for the training of personnel. All traveling, food and lodging expenses will be the responsibility of the Police Department.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **ACCELERATED CRIME SCENE TECHNOLOGY PROGRAM:**

The Crime Scene Technology Training Program will be provided for two to 10 (2-10) Police Department Representatives. The 40 hour course is provided at a police department facility and is an accelerated Monday thru Friday Program. As with the Vehicle Orientation Training, the course is a hands-on program that goes into detail on the use of the forensic processes and equipment provided on the Evidence Collection Vehicle. Please refer to the Accelerated Crime Scene Training brochure for full details. Classroom materials will be furnished for the classes

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **FIRE EXTINGUISHERS**

Two (2) 5 pound rated ABC fire extinguisher with mounting brackets shall be furnished with the vehicle. These shall be shipped loose to allow the department to install in the desired locations in the conference, communications and galley areas.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **CARBON MONOXIDE MONITOR**

A carbon monoxide monitor shall be installed in the laboratory area.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **SMOKE DETECTOR**

A smoke detector shall be installed in the laboratory area.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

### **MAIN PAINT STRIPE(S)**

Two (2) single color paint stripes shall be provided on the vehicle. Paint color, paint code, stripe dimensions and layout shall be provided by the department after award of bid.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**LETTERING**

Vehicle lettering will be determined at the pre-construction conference and will closely match existing fleet vehicles.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**MARKINGS / LOGOS**

Vehicle marking and logos will be determined at the pre-construction conference and will closely match existing fleet vehicles.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**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.

**Does bidder comply with specifications as written?**

Yes \_\_\_\_\_ No \_\_\_\_\_

**<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.



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