



Form GSOP 1-PIN (04/98)

STATE OF CALIFORNIA
Department of General Services - Office of Procurement

PURCHASE ORDER

<i>Purchase Order No.</i>	<i>Rev.</i>	<i>Date</i>
61931		1/23/2008

<i>Supplier No.</i>	<i>Solicitation No.</i>	<i>Delivery Date</i>	<i>FOB Point</i>	<i>Invoice Terms</i>
801225	56526	300 Days ARC	Destination	

TAYLOR MADE AMBULANCE 3704 MEDALLION PLACE NEWPORT, AR 72112 Attn: JOSEPH TAYLOR Phone: 800-468-1310	<i>S</i> DEPT OF JUSTICE <i>h T</i> FORENSICS SERV/SAC LAB <i>i o</i> 4949 BROADWAY <i>P</i> SACRAMENTO, CA 95820 Attn: (916) 227-3777	<i>C</i> JUSTICE D-08 <i>h a T</i> ACCOUNTING <i>r o</i> PO BOX 944255 <i>g e</i> SACRAMENTO, CA 94244	
	<i>Agency Billing</i> 43561	<i>Agency Purchase Estimate</i> N1654	<i>Purchase Estimate</i> 66696 <i>Revision</i> 2
	<i>Agency Contact</i> ALEX CALDERON	<i>Phone</i> 916-324-6812	<i>Date Received</i>

<i>Item No.</i>	<i>Quantity</i>	<i>Unit</i>	<i>Commodity Code</i>	<i>Description</i>	<i>Unit Price</i>	<i>Extension</i>
THE GENERAL PROVISIONS FOR NON-IT COMMODITIES ARE HEREBY INCORPORATED BY REFERENCE. THESE GENERAL PROVISIONS CAN BE OBTAINED BY PHONING (916) 375-4400 OR BY ACCESSING OUR WEBSITE AT: www.documents.dgs.ca.gov/pd/modellang/GPnonIT0407.pdf						
THE FOLLOWING INFORMATION IS PROVIDED FOR AGENCY USE ONLY: PRIME CONTRACTOR: NS APPLICATION OF DVBE INCENTIVE RESULTED IN AWARD: NO						
1	4	EA	2320-000-0010-5	TRUCK CAB & CHASSIS CREW CAB 4 X 4	117,522.0000	470,088.00
Crime Scene Vehicle, Four wheel Drive, in accordance Specification 2320-07BS-022 and Crime Scene Vehicle Drawing.						
<u>PO Miscellaneous Charges and Discounts</u> MISCELLANEOUS FEE TAX/DOLLARS						<u>Dollar Value</u> 35.00
Total Value:						470,123.00
ATTACHMENTS THE FOLLOWING ATTACHED DOCUMENTS ARE PART OF THIS PURCHASE ORDER:						
1. SPECIFICATION 2320-07BS-022, 14 Pages 2. DRAWING, 1 Page 3. ADMINISTRATIVE REQUIREMENTS, 3 PAGES 4. WARANNTY SERVICE LOCATIONS, 1 PAGE 5. QUESTIONAIRE, 1 PAGE						

Sales and/or use tax to be extra unless noted above

<i>Buyer</i>	<i>Phone</i>	<i>BOC Number</i>
TIM PATTON	916-375-4412	

STATE OF CALIFORNIA

Department of General Services - Office of Procurement

PURCHASE ORDER CONTINUATION

Form GSOP 2-PIN (04/98)

<i>Purchase Order No.</i>	<i>Revision</i>	<i>Date</i>	<i>Supplier No.</i>	<i>Supplier Name</i>
61931		1/23/2008	801225	TAYLOR MADE AMBULANCE

<i>Item No.</i>	<i>Quantity</i>	<i>Unit</i>	<i>Commodity Code</i>	<i>Description</i>	<i>Unit Price</i>	<i>Extension</i>
<p><u>FOB DESTINATION</u> For the purpose of this bid, only bids quoted F.O.B. Destination will be accepted.</p> <p><u>FEDERAL EXCISE TAX EXEMPTION</u> Federal Excise Tax Exemption Certificate will be attached to Purchase Order.</p> <p><u>FEDERAL CERTIFICATION</u> Final stage manufacturers shall be certified by National Highway Traffic Safety Administration and be registered to manufacture or alter vehicles in accordance with the code of Federal Regulation, Title 49, Parts 567-568.</p> <p>This Purchase order has been registered into the state contact and procurement registration system (https://www.scprs.dgs.ca.gov/). The registration number is 08200108281923.</p>						



**STATE OF CALIFORNIA
Bid Specification**

CRIME SCENE VEHICLE

CALIFORNIA DEPARTMENT OF JUSTICE

1.0 SCOPE:

This specification describes the minimum requirements for a Crime Scene Vehicle (CSV). Vehicles offered shall be used to transport equipment and personnel required to perform forensic crime scene analysis. The crime scene vehicle body shall be installed on a conventional, four-wheel-drive, dual rear wheel, cab and chassis as specified. The unit shall be delivered as a "turn-key" product, fully functional and ready to operate.

2.0 SPECIFICATIONS AND STANDARDS

The following standards, laws and regulations in effect on the date of the Invitation for Bid form a part of this specification. Each vehicle is required to meet all regulations, standards and laws including revisions, at time of acceptance. The final completed vehicle certification is the responsibility of the firm constructing the body described herein.

1. Federal Motor Vehicle Safety Standards (FMVSS) Federal Highway Safety and DOT.
2. California Code of Regulations (CCR), Title 13
3. California Health and Safety Code
4. AMD Standard 001, "Static Load Test for Ambulance & School Bus Body Structure."
5. Vehicle shall meet or exceed current emission requirements as established by the California Air Resources Board (CARB) as of the date of bid opening.

The final completed vehicle certification is the responsibility of the firm constructing the body described herein. Vehicle shall conform to all OEM Body Builder standards and guidelines.

A plate identifying the manufacturer, tare weight, gross vehicle weight rating, date of manufacture and all other information as specified in the National Traffic and Motor Vehicle Safety Act, Section 114, and Federal Code of Regulations, Title 49, shall be attached to the vehicle frame or body in an easily accessible location.

3.0 TRUCK CAB CHASSIS REQUIREMENTS:

3.1 Minimum Weights:

1. Cab-to-Axle: 108 inches
2. Gross Vehicle Weight Rating (GVWR): 16,000 lb.

3.2 Engine: The engine shall be a V-10 configuration designed to operate on regular unleaded, 87-octane gasoline.

3.3 Cooling System: The cooling system shall be a liquid pressurized, forced circulation type. A coolant recovery system shall be furnished. The cooling system shall provide protection from ambient temperatures ranging from 0°F to 120°F.

- 3.4 **Electrical Equipment:** The supplier shall furnish a 12-volt electrical system specifically designed to handle the load requirements of the vehicle equipped with the specified options.
- 3.5 **Transmission/Driveline:** The vehicle shall be equipped with the manufacturer's standard automatic-overdrive type transmission with an external air/water to oil transmission cooler.
- Manufacturer's four wheel drive system shall be installed. Manual lockout hubs, 4x4 indicator light, and transfer case with manual or automatic engagement to provide power transfer to the front and rear wheels shall be provided.
- 3.6 **Steering:** The steering shall be power-assisted type with a tilt steering wheel.
- 3.7 **Brakes:** Each vehicle shall be equipped with the manufacturer's standard power brakes with a four wheel, electronic anti-lock brake system.
- 3.8 **Wheels and Tires:** Each vehicle shall be equipped with the OEM's standard tubeless type radial tires mounted on OEM approved wheels. Wheels shall be as recommended by the Tire and Rim Association, Inc. and the tire manufacturer for the GVWR specified. Wheel weight rating shall be compatible with the axle and tires. As a minimum, all tires shall be the all-season tread design, labeled for Mud and Snow (M/S) service, be properly balanced and mounted. A correct front spare tire and wheel, matching the others, shall be provided and securely mounted on the vehicle. Spare tire location shall be finalized at the pre-construction conference.
- 3.9 **Axles/Springs/Frame:** The suspension system shall be a heavy-duty system and shall include auxiliary springs, front and rear shock absorbers and OEM front and rear stabilizer bars.
- 3.10 **Fuel Tank:** OEM manufacturer's largest capacity fuel tank system which shall include any optional additional fuel tank offered by the OEM manufacturer to increase overall vehicle fuel capacity. (Example: OEM Standard 40 gallon tank with optional OEM 19 gallon fuel tank for a total fuel capacity of 59 gallons).
- 3.11 **Air Conditioning:** Each vehicle shall be equipped with the manufacturer's standard factory installed CFC free, dehumidifying/all weather air-conditioner.
- 3.12 **Cab:** The cab shall be of the conventional design, fully enclosed, regular cab equipped with two doors and seating for two adults.
- 3.13 **Interior/Seat Upholstery:** The interior color shall be the manufacturer's standard color supplied with the exterior color specified. Seats shall be all cloth, high-back Captain's chair type.
- 3.14 **Exterior Color:** The exterior color of the entire vehicle shall be manufacturer's standard white color. Body and truck cab chassis shall be painted to match.

A commercial undercoating shall be applied to the underbody and under chassis sheet metal surfaces. The following areas shall be free of undercoating material: drive shaft; drain holes; lubrication points; engine and transmission oil pans; fuel tank; heavy castings; suspension components; heat shields; exhaust system, and areas within 12 inches of it.

The areas not requiring coverage are: chassis frame; underside of hood; underbody parts more than 1/8 inch thickness; areas not accessible without removal of the fuel tank or other components. Undercoating shall be professionally applied. Undercoating application by hand held spray cans shall not be acceptable.

3.15 Miscellaneous Equipment: The following items, supplementing if necessary those items already cataloged as standard equipment, shall be furnished and in place.

- Power door locks with two (2) sets of keys and key fobs.
- Multi-speed fresh air ventilator with heater and windshield defogger system.
- Seat belts for all cab seating positions.
- Power windows.
- Manufacturer's standard tinted windows.
- Interior hood release.
- Full rubber/vinyl matting on floor.
- Headliner and door liners.
- Sun visors for both driver and passenger positions.
- Dual air bags.
- Dome light, door activated.
- Manufacturer's standard AM/FM/CD player with antenna.
- Windshield wipers with intermittent feature and washers.
- Telescopic trailer tow style electric mirrors with integral mirrors. Power, heated glass upper portion with turn indicators and clearance lights on outside edge. Lower portion shall be convex mirrors.
- Speedometer and all necessary gauges.
- OEM dual electric horns or dual note horn.
- 12-Volt DC power outlet located within reach of driver.
- Cruise Control.
- Two Front Tow Hooks.
- Front bumper.
- Limited Slip Rear Differential.

4.0 CHASSIS MODIFICATIONS: The body builder shall be responsible for making any necessary chassis modifications that may be required prior to mounting the body. New holes drilled in the frame shall leave at least 1" of steel from the edge of the new hole and the edge of an existing hole. The completed vehicle shall sit level, right to left and front to back when fully loaded and in service. The chassis frame shall not be spliced, shortened or altered.

All oil, hydraulic and air tubing lines, and electrical wiring shall be located in protective positions properly attached to the frame or body structure and shall have protected loom or grommets at each point where they pass through structural members, except where a through frame connector is necessary. All components shall be designed, mounted and protected so that heavy rain or other adverse weather conditions will not interfere with normal service and operation. The following modifications shall be provided:

- Heat shields shall be installed where necessary to prevent the potential for heat damage. Access openings shall be provided for shock absorber, mounting bolts, etc.
- Running boards with splash guards shall be installed on both sides of the vehicle. Running boards shall be fabricated of aluminum diamond plate.
- Back-up alarm shall be installed.

5.0 MODULAR BODY DIMENSIONS:

- 5.1 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.
- 5.2 The vehicle overall length should not exceed 25' from front bumper to rear bumper.
- 5.3 Overall body width should not exceed 100 inches (8ft. 4 in.), excluding lights and mirrors.
- 5.4 Overall height of the vehicle at curb weight should not exceed 126" (10ft. 6in.) including roof mounted equipment but excluding antenna(s).
- 5.5 The CSV modular body interior dimensions shall be minimum 167-inch (± 2 inches) long X 88-inch wide X 72-inch interior ceiling height.

6.0 BODY MOUNTING:

- The modular body shall be mounted on a minimum of ten (10) full floating, automotive style, rubber body mounts between the chassis frame and the module lateral frame. Bolts shall extend through the lateral and sides of the frame member and bolt to the web of the chassis frame and shall be secured with locking nuts. There shall be adequate clearance between floor structure of the module and the chassis frame rails to prevent contact of the body and chassis during all operational and loading conditions, and after wear and normal settling of body mounts.
- 6.1 The modular body shall be mountable on to a new chassis of the same or other chassis manufacturer with the same cab to axle dimension.
- 6.2 The mounting system shall not cause any chassis frame deformation. Any method of mounting the body, which could void the chassis warranty, is not acceptable.
- 6.3 **Cab-to-Module Attachment:** The modular body shall be attached to the cab with a flexible watertight boot to allow cab body flex as designed by the chassis manufacturer. A painted insert shall be installed with an OEM gasket. Cab-to-Module pass-thru measuring at least 17-inches wide X 17-inches high shall be included and shall be fitted with a window that opens and closes to allow items to be passed through the opening.

7.0 MODULAR BODY STRUCTURE:

- 7.1 The modular body shall be all aluminum and fully welded. Screws, bolts, rivets or other fasteners shall not be used for the attachment of any structural member or panel. All exterior body panels shall be minimum .125 inches thick aluminum sheet. The main structure shall frame in the compartment openings and provide intermediate skin support. All grid structure shall be welded together. The side skin shall be bonded to the structural grid.

All material utilized shall be of the correct type, alloy, and thickness to withstand the intended usage and provide protection against cracking, corrosion, or metal fatigue. The body sheet shall be reinforced with structural members designed to resist deflection and hold up to extreme service.

- 7.2 Body frame members shall be tubular aluminum material; minimum 2" x 2" tubing fabricated from aluminum that is at least .125" thick. All critical structural points shall be reinforced with gussets. Heavier gauge and larger dimension structural members shall be used where necessary to provide a safe and durable module body construction.
- 7.3 Roof shall utilize either a one piece roof construction or a two piece roof, formed module construction as described, shall allow the wire harnesses to be routed without cutting the frame members and shall meet all specified test criteria. The roof shall be properly reinforced to allow access for storage of equipment. Frame members shall be tubular aluminum material; minimum 2" x 2" tubing fabricated from aluminum that is at least .125" thick.

One Piece Roof Construction:

Perimeter Extrusions: A double hollow extrusion shall provide a structural transition between the module walls and the roof assembly. The shape shall incorporate a full perimeter drip rail.

Roof: The roof sheet shall be derived from one piece. The four edges of the sheet shall be continuously welded to the roof rail extrusion to prevent leaks. The roof sheet shall be supported by structural supports located at the load-bearing points of the module body. The roof structural support beams shall be spaced on minimum 12-inch centers or as required for adequate load support.

Two Piece Roof Formed Module Construction:

Perimeter Structural Support: Formed module construction shall include a square tubing structure that shall provide required structural support for the roof and wall assembly.

Roof: The roof shall be constructed with a two piece roof sheet, full seam welded to prevent leaks, with formed roof corners. The roof structural support beams shall be spaced on minimum 12-inch centers or as required for adequate load support.

- 7.4 The body, and panel joints shall be watertight and all openings between the chassis and CSV modular body shall be sealed.
- 7.5 Structural Integrity: The body shall be capable of providing impact, deformation and penetration resistance in the event of a collision. The body structure shall be capable of passing a stand-alone static load test on a type-tested body. The test shall be conducted in accordance to Ambulance Manufacturers Division (AMD) Standard No. 001. The bidder shall furnish documentation upon request that verifies the body being bid meets the requirements of AMD Standard 001, "Static Load Test for Ambulance & School Bus Body Structure."
- 8.0 **FLOOR:**
- 8.1 Floor shall be manufacturer's standard aluminum / plywood construction, (e.g. one piece full length and width, securely fastened to the module sub-floor and frame, and filled and sanded to provide a flat floor free of defects and ripples) or manufacturer's standard aluminum construction. The entire perimeter of the subfloor shall be completely sealed and insulated.
- 8.2 The floor covering shall be Genome slip-retardant premium grade sheet flooring (or equivalent). Floor vinyl shall be one piece, shall extend up the side walls approximately three inches and under the edge of the side cabinets. A sample color chart shall be provided to allow selection of desired color at the pre-construction conference.

9.0 INSULATION:

The entire modular body (e.g. sides, ends, roof, doors and floor) shall be insulated. The insulating material used shall be of a non-settling type and shall be resistant to fungi and bacterial growth. The insulation material used shall be installed so as to create an unbroken thermal, acoustical and vapor barrier throughout the walls, ceiling and floor. All exterior doors, compartments or access shall be similarly insulated.

10.0 DOORS:

- 10.1** All doors shall be of all aluminum, fully welded construction. Each door shall be surrounded by a fully welded wide extrusion with an integral box beam, or built from a heavy duty formed box pan construction. All door panels shall be fabricated of minimum .125" thick aluminum material. Interior entrance door skins shall be bright aluminum diamond plate and shall be removable to service door hardware.
- 10.2** Door frames shall be welded in place, and sealed to make them water tight and free of rattles.
- 10.3** Two (2) rotary two position latches per door shall secure all entry doors.
- 10.4** One (1) curbside and two (2) rear entrance doors shall be provided. All CSV entrance door frames shall have full width formed stainless steel threshold plates to protect the lower edge of frame.
- 10.5** All CSV entrance doors and compartment doors shall have an effective compression seal to prevent leakage of exhaust fumes, dust, water and air into the interior compartment.
- 10.6** All CSV exterior doors shall have full length, slotted, piano type stainless steel hinges with a 1/4 inch diameter stainless steel pin, bolted to each door and the modular body every four (4) inches with stainless steel bolts.
- 10.7** All doors shall be equipped with stainless steel or cast aluminum key locking paddle handles secured in the doors with stainless steel screws. Each entry door shall have an interior and exterior paddle handle. All compartment and modular body entrance doors shall be keyed with #J236 keys. Final details shall be determined at pre-construction conference.
- 10.8** Double spring style spring loaded door holders and closers (or comparable) shall be provided on the side entrance door. Door holder hardware shall be provided to hold the rear entrance doors in the open position.
- 10.9** To facilitate entry and exit from the vehicle, a grab handle (minimum 12-inch horizontal stainless steel bar) shall be provided on the interior of each entrance door. A grab handle shall also be provided on the exterior of the vehicle next to the side door.
- 10.10** Windows: Windows shall be tinted dark and have black anodized aluminum frames and rubber gaskets. The side entrance door window shall be at least 18" x 18" with sliding glass and screen. The rear entrance door windows shall be at least 18" x 18" with fixed glass.

11.0 MODULAR BODY EXTERIOR:

- 11.1** Generator Exterior Compartment: One exterior compartment shall be provided to house specified generator (see section 15.5, Generator). Exterior compartment shall be box pan formed of .125" aluminum and shall be welded to the subfloor and structural framing. The compartment door and floor shall be louvered as required for proper ventilation.
- 11.2** A rear step/bumper shall be provided. Bumper shall be easily removable and replaceable in case of damage. Bumper shall be welded construction of aluminum angle and plate bolted directly to the chassis frame and shall be covered by bright aluminum diamond plate. A 36" (minimum) hinged step shall be installed to fold up and over the bumper, secured by a latch pin when not in use.
- 11.3** One electric step shall be provided, mounted under the curbside door and wired to open and close with the side door. The electric step shall automatically close when the vehicle is placed in gear. An In/Out switch shall be installed inside the cabinet located next to the curbside entrance door. Reference Brand: Kwikkee
- 11.4** Above the bumper assembly and below the rear doors, there shall be full length riser of .125 inch aluminum diamond plate, minimum 11-1/2" in height, for a protective kick panel. The kick panel shall be securely fastened and run the full rear width of the module.
- 11.5** Mud/stone guards shall be provided at each corner of the CSV body. The guards shall be constructed of bright diamond plate aluminum and be at least 12 inches high. Mud/stone guards that are at least 12" height and 12" length shall also be provided at the front of the CSV body, on each side.

12.0 COLOR, PAINT AND FINISH:

The exterior of the vehicle shall be sanded smooth, prepared to ensure proper primer and paint adhesion and shall be painted white. Body and truck cab chassis shall be painted to match. Non-skid granules shall be added to the module roof paint as required for roof storage area.

The paint manufacturer and the numbers of the colors shall be stated on the data plate located on the driver's door pillar. Additional touch up paint shall be shipped loose with the vehicle.

13.0 MODULAR BODY INTERIOR:

- 13.1** All interior hangers, supports, fasteners, latches, and hinges shall be of a near flush type design when not in use. The module shall be free of sharp projections.
- 13.2** The walls shall be covered with vinyl type material or painted aluminum to resist abrasion. Color to be determined at the pre-construction conference.
- 13.3** The interior module compartment headliner (ceiling) should be constructed of fiberglass with no visible seams or equal material and design. The headliner shall contain the main wiring harness service race and overhead lighting and shall be white in color.

- 13.4 Bumpers shall be located over all module entrance doors, above the work area, above the pass thru and next to the passenger side storage area. Bumpers shall be fabricated of foam and color coordinated vinyl material matching the upholstery.
- 13.5 Attendant Seat: A rear facing high-back bucket seat upholstered with vinyl shall be located with access to all action wall controls and outlets. Seat shall swivel and shall be securely anchored on a pedestal base. Seatbelts shall be FMVSS certified and shall be installed on the attendant seat. Reference Brand: Seats Inc.
- 13.6 Module Climate Control System: A roof top air conditioning unit, minimum 13,000 BTU with heat tape powered by the generator or by shoreline power shall be installed. An external air intake shall be provided to supplement heated or cooled air with fresh air. The intake shall be designed to prevent the collection of moisture.

A brush guard shall be provided to protect the unit from damage caused by low branches and brush.

14.0 STORAGE CABINET DESIGN:

- 14.1 The storage cabinets shall be easily opened but shall not come open in transit. All interior cabinets shall be bolted to tapping plates in the walls, floor and ceiling or shall be an integral part of the structure of the module.
- 14.2 The cabinets and drawers shall be manufacturer's standard aluminum construction utilizing aluminum that is minimum .090" thick. All interior cabinets shall be sanded, etched, washed, primed and painted. Interior cabinet shelves shall be lined with easy sweep mats which are removable. Final paint requirements shall be determined at the pre-construction conference.
- 14.3 All exterior corners of the cabinets shall be designed to protect the occupants from sharp corners and protect the corners from damage.
- 14.4 Adjustable shelves shall be provided in the cabinets as specified; all shelves shall be installed on adjustable aluminum "uni-strut" type track.
- 14.5 Drawers shall operate on slides rated at 300 lbs per set and shall have gas shock hold open/closed devices to ensure that drawers do not open or close during vehicle operation.
- 14.6 Bidders are encouraged to use their standard dimensions for these cabinets and drawers. Final dimensions and configuration shall be determined at the pre-construction conference.

LOCATION	NUMBER OF SHELVES	MINIMUM DIMENSIONS (+/- 2-inches)	DOOR(S)	ADDITIONAL INSTRUCTIONS
#1 Cabinet Streetside, Upper Forward	One adjustable	17" W X 16" H X 14.75" D	One hinged aluminum door with keyed lock.	Non-skid mat shall be installed on the floor and the shelf.
#2 Cabinet Streetside, Upper Center	One adjustable	40" W X 16" H X 14.75" D	Sliding clear acrylic with track and door pulls.	Non-skid mat shall be installed on the floor and the shelf.

LOCATION	NUMBER OF SHELVES	MINIMUM DIMENSIONS (+/- 2-inches)	DOOR(S)	ADDITIONAL INSTRUCTIONS
#3 Cabinet Streetside, Upper Rear	One adjustable	40" W X 16" H X 14.75" D	Sliding clear acrylic with track and door pulls.	Non-skid mat shall be installed on the floor and the shelf.
#4 Cabinet Streetside, Rear	None	44" W X 70" H X 19" D	None	Four vertical Versa Tie (or equal) aluminum tracks installed on the rear wall and two vertical Versa Tie (or equal) aluminum tracks installed on each sidewall. Dry deck material installed on the floor. Reference Brand: Mate flex
#5 Cabinet Streetside, below cabinet #3	Three adjustable	36" W X 45" H X 19" D	Dual hinged, painted aluminum doors with keyed latches.	Non-skid mat shall be installed on the floor and the shelves.
#6 Action Area Wall, Streetside	None	75" W X 24" H X 19" D	None	A one piece, stainless steel, full depth counter top with aluminum retaining lip that is the same length as the #7 drawers and located below the action wall shall be provided. A full depth desk top shall be located adjacent to the counter top. Action area wall shall include one control panel, two 110V AC power receptacles, one 12V DC power receptacle and one generator control panel. One additional generator powered 110V AC power receptacle shall be installed below the counter top.

LOCATION	NUMBER OF SHELVES	MINIMUM DIMENSIONS (+/- 2-inches)	DOOR(S)	ADDITIONAL INSTRUCTIONS
#7 Drawers, Streetside, Lower Center	None	28" W X 10" H X 19" D	None	Two drawers – see details in section 15.5. Four adjustable divider supports and four dividers shall be provided per drawer. Non-skid mat shall be installed on the floor.
#8 File Cabinet Drawers, Streetside, Below Drawers	None	28" W X 12" H X 19" D	None	Two file cabinet drawers – see details in section 15.5. File cabinet drawers shall include file support brackets.
#9 Cabinet, Curbside, Upper Rear	None	33" W X 10" H X 16" D	Sliding clear acrylic with track and door pulls.	Three adjustable dividers shall be installed on unistrut tracks mounted on the cabinet ceiling. Non-skid mat shall be installed on the floor.
#10 Cabinet, Curbside, Upper Center	None	32" W X 10" H X 16" D	Sliding clear acrylic with track and door pulls.	Three adjustable dividers shall be installed on unistrut tracks mounted on the cabinet ceiling. Non-skid mat shall be installed on the floor.
#11 Cabinet, Curbside, Upper Center	None	32" W X 10" H X 16" D	Sliding clear acrylic with track and door pull.	Three adjustable dividers shall be installed on unistrut tracks mounted on the cabinet ceiling. Non-skid mat shall be installed on the floor.
#12 Cabinet, Curbside	None	8" W X 52" H X 19" D	None	Three coat hooks shall be installed on the aft wall. A timer switch for the fluorescent lights and an On/Off switch for the electric step shall be installed. Non-skid mat shall be installed on the floor.

LOCATION	NUMBER OF SHELVES	MINIMUM DIMENSIONS (+/- 2-inches)	DOOR(S)	ADDITIONAL INSTRUCTIONS
#13 Cabinet, Curbside	One adjustable, with 1" lip	46" W X 12" H X 19" D	Cargo netting with a 4" grid and quick release buckles at top edge.	Non-skid mat shall be installed on the floor and the shelf.
#14 Cabinet, Curbside	One adjustable, with 1" lip	46" W X 12" H X 19" D	Cargo netting with a 4" grid and quick release buckles at top edge.	Non-skid mat shall be installed on the floor and the shelf.
#15 Cabinet, Curbside	One adjustable, with 1" lip	46" W X 12" H X 19" D	Cargo netting with a 4" grid and quick release buckles at top edge.	Non-skid mat shall be installed on the floor and the shelf.
#16 Cabinet, Curbside	One adjustable, with 1" lip	46" W X 12" H X 19" D	Cargo netting with a 4" grid and quick release buckles at top edge.	Non-skid mat shall be installed on the floor and the shelf.
#17 Cabinet, Curbside, lower	One adjustable, with 1" lip	94" W X 26" H X 19" D	Cargo netting with a 4" grid and quick release buckles at top edge.	Non-skid mat shall be installed on the floor and the shelf.
#18 Cabinet, Front, Curbside	Three adjustable, with 1" lip	34" W X 71" H X 27.5" D	Cargo netting with a 4" grid and quick release buckles at top edge.	One 110V AC power receptacle and one 12V DC power receptacle shall be installed on the back wall. Non-skid mat shall be installed on the floor and the shelf.
#19 Electrical Compartment, Front Center above pass-thru area	None	33" W X 12" H X 10" D	A hinged swing up door with a hold-open device, rotating lock and automatic compartment light	Cabinet shall house the electrical component module.

15.0 ELECTRICAL SYSTEM:

- 15.1 The module body and accessory electrical equipment shall be served by circuits separate and distinct from vehicle chassis circuits. A separate 12 volt battery shall be provided to power the CSV modular body. This battery shall be installed in a location that is accessible for service. All wiring provided by the manufacturer shall be copper and shall conform to

SAE requirements. Solderless, insulated connectors shall be used. In addition to the OEM grounds, a ground cable shall be provided from the module power component panel to frame and two ground straps from the module body to the chassis (sized as required to reduce RF interference).

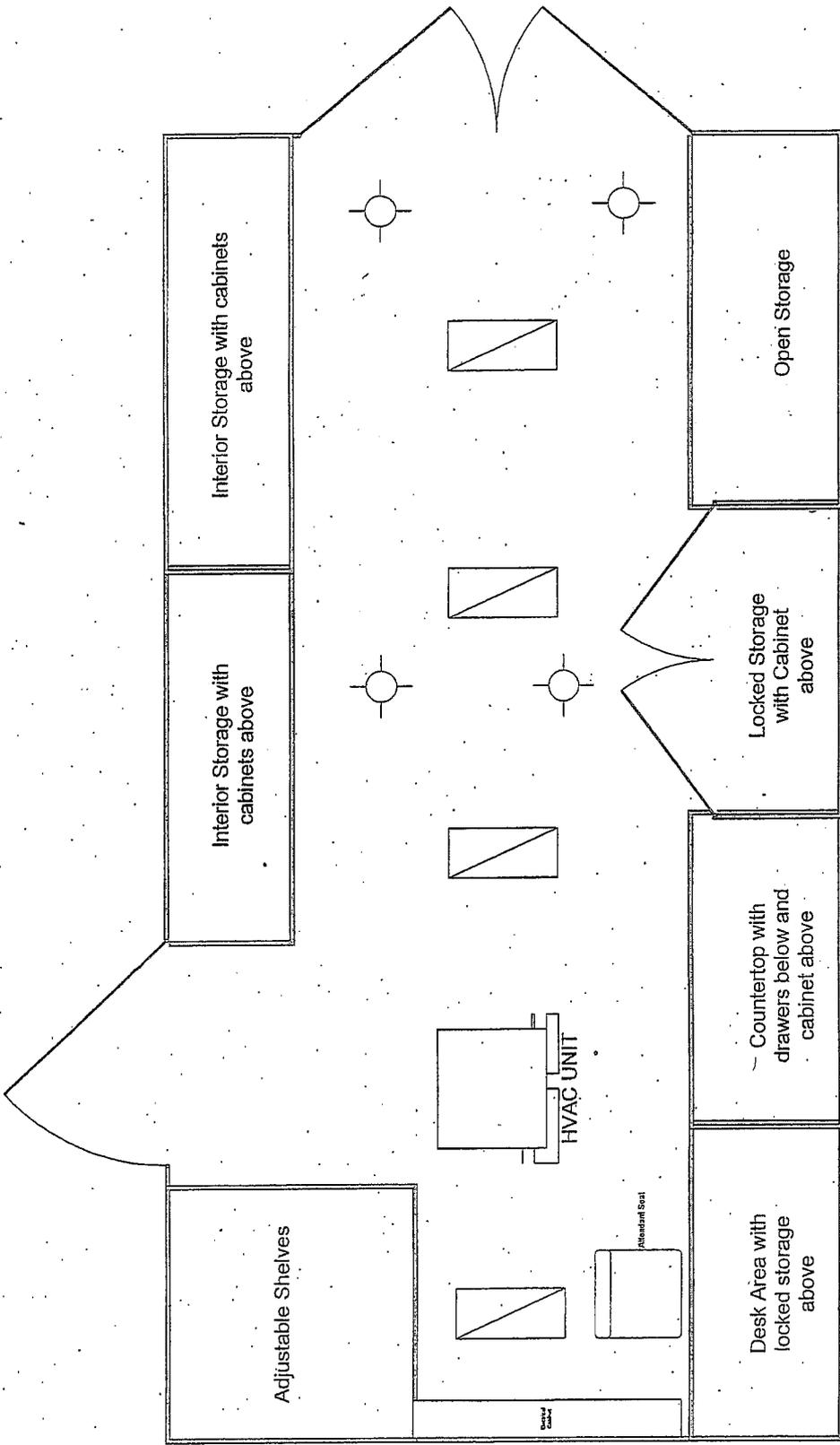
- 15.2 The wiring shall be routed in conduit or looms and wiring shall be secured to the underbody or frame with insulated metal cable straps. All power distribution cabling shall be covered with a protective split loom. Where wiring passes over the exhaust, a heat shield shall be installed. Wiring and electrical components shall not be placed under or behind the cab seats. The power component module shall be equipped with positive locking plugs to provide easy disconnect for remount or repair of body. All wiring devices, switches, outlets, etc., except circuit breakers, shall be rated to carry 125% of the maximum ampere load for which the circuit is protected.
- 15.3 Body electrical wiring shall utilize ground fault interrupter (GFI) overload protective devices of the circuit breaker type. One (1) additional single pole, 20 amp circuit breaker shall be provided for future use. The circuit breakers, relays, and other electrical items shall be located in the enclosed power component module. CSV modular body power shall be controlled by an on/off switch mounted in the cab. (Reference Brand: Cole-Hersey)
- 15.4 The main wiring harness should be installed in a wiring race within the module compartment headliner or be located on both sides of the module at ceiling level. This race should extend the full length of the module compartment. To prevent head injuries, this race should be flush in the headliner and not extend below the surface of the headliner or ceiling level. Exposed wiring inside cabinets is unacceptable. All cabinets at ceiling level shall have removable backs which are screwed in place for access to harnesses. Stack cabinets shall have removable panels for wiring and hose access.
- 15.5 A minimum six inches service loop of wire off the harness shall be provided at all lights, motors and other similar terminal equipment that may need servicing.
- 15.6 A control panel shall be located on the action wall. Panel shall include dome light and fluorescent light switches.
- 15.7 **Generator:** A 6.0 KW (minimum 50 amp at 120 volt AC, 60 Hz) gasoline powered generator shall be provided and installed in an outside compartment that is vented as required by the generator manufacturer and completely shielded from the interior of the vehicle. The generator shall be fueled from the vehicle fuel tank. A remote generator control panel shall be installed in the action area.
(Reference Brand: Honda EV6010)
- 15.8 **Shoreline / Generator Load Center and Generator Control Panel:** One (1) 110 VAC, 20 amp shoreline power receptacle shall be provided and located on the streetside of the module. Shoreline power shall be distributed through a recessed load center power box. The Load Center shall be wired with an input cord for the generator hookup. All 110V outlets shall be GFI protected.

The Load Center shall have breakers to isolate exterior receptacles (15amp GFI), interior receptacles (15amp GFI), roof-top HVAC unit (amperage as required for unit, GFI), battery charger (amperage as required for unit, GFI), one dedicated circuit (15amp GFI) and at least two (2) blanks for future use.

- 15.9** Two (2) exterior outlets shall be installed on the rear of the module. Four (4) interior outlets shall be installed. Two located in the action area, one in cabinet #18 and one dedicated 15 amp circuit located below action area (#6) desk top to run a portable 110V heater.
- 15.10** A transfer switch shall be furnished and wired between the generator and the shoreline power. This shall provide power for the overhead HVAC unit and 110VAC receptacles from either electrical source.
- 15.11** A minimum 80Amp battery charger shall be connected to the generator and shoreline-receptacle to charge the batteries. (Reference Brand: PD9180)
- 16.0 EXTERIOR LIGHTING:**
- 16.1** The basic exterior lighting shall include headlights, parking lights, directional signal lights, tail and stop lights, license plate light, back-up lights, side marker lights, hazard and warning lights and clearance lights as required by FMVSS 108 and shall be installed per the manufacturer's guidelines. Rear stop, turn, side marker, back-up lights and red / amber module clearance lights shall be sealed lights. (Reference Brand: Truck-Lite)
- 16.2** Six (6) Parabolic Scene Lights shall be provided mounted as follows:
- Two (2) each side
 - Two (2) on rear of module
- All lights shall be controlled by switches located in the cab.
Reference Brand: Weidon HID 12V scene lights.
- 16.3** One adjustable spotlight shall be supplied and mounted on the cab which shall provide lighting needed to read mile markers and addresses in rural areas.
- 16.4** One 6-lamp LED traffic advisor light bar that is at least 36" long shall be supplied and mounted on the rear of the vehicle above the rear doors.
Reference Brand: Whelen TAL-65
- 17.0 INTERIOR LIGHTING:**
- 17.1** The action area shall be illuminated by two (2) fluorescent lights (at least 11-inch length) one located above the countertop and one located above the desktop. (Reference: Thinlite #716 or comparable). These lights shall be controlled by an Off/On switch at each light and an Off/On switch on the action wall.
- 17.2** Four (4) dual intensity recessed lights shall be installed-two (2) lights positioned toward the streetside and two (2) lights positioned toward the curbside. There shall be a switch to control the lights on the action wall for Hi/Lo or Off.
- 17.3** Four (4) fluorescent lights shall be center mounted with one located near the front of the module, one located near the rear of the module and two located near the center of the module. These lights shall be controlled by an Off/On switch at each light, an Off/On switch on the action wall and a timer switch mounted inside the curbside passage door. The timer switch shall be wired to continuous battery power.

Final location of all interior lights shall be determined at the pre-construction conference.

- 18.0 MISCELLANEOUS EQUIPMENT:** The unit shall be equipped with the following miscellaneous equipment:
- 18.1** One backup color camera and one rear view mirror color video screen unit shall be installed. The rear camera shall be installed recessed above the rear doors. The system shall automatically activate when the vehicle is placed in reverse.
Reference Brand: Rostra Rear View Observation Mirror System
- 18.2** Two electric retractable awnings (minimum 10 foot length) shall be installed-one located on each side of the vehicle. Two-position awning "legs" shall be connected to the vehicle when in the extended/open position or shall telescope to the ground (disconnected from the vehicle) when in the extended/open position.
- 18.3** Four CPI (or equal) folding step/handholds shall be mounted on the rear of the vehicle to the curbside of the entrance doorway for accessing the roof-mounted ladder.
- 18.4** Roof Storage: Four (4) Versa Tie (or equal) aluminum tracks shall be provided (running side to side) for mounting miscellaneous equipment. Four (4) single stud tie-down rings shall be provided. Final location of tracks to be determined at the pre-construction conference.
- 18.5** Two (2) stainless steel grab handles shall be installed-one (1) located on the curbside module roof and one (1) located horizontal on the back of the module toward the curbside, above the drip rail.
- 18.6** One (1) waste container (minimum 14-quart), strap and two (2) footman loops shall be provided and shipped loose.
- 18.7** Two (2) complete sets of keys for the entire vehicle including inside locked storage, exterior CSV body entrance doors, generator compartment and cab doors. CSV body entrance doors and generator compartment door shall be keyed alike. Interior locked storage cabinets shall be keyed alike and two keys shall be provided for each locked storage cabinet.
- 18.8** One solar trickle charger with solar panel that uses daylight to trickle-charge the vehicle battery shall be provided. Solar battery charger shall include a blocking diode to prevent battery discharging when no sunlight (night-time) but shall work in all weather conditions, including low light and cloudy conditions. Power rating shall be at least 1.8 watts with a peak output of at least 125mAmps at 12 volts.
- 18.9** 12-volt 8,000 lb winch (Reference: Ramsey #RE8000 or equivalent), mounted on front black brush guard, provide 150' 3/8" cable, roller guide & end hook with 25' remote, per drawings.



State of California

Not to Scale

Crime Scene Vehicle Basic Layout August, 2007

ADMINISTRATIVE REQUIREMENTS
Crime Scene Vehicle

California Vehicle Code:

Bidders shall comply with all provisions of the California Vehicle Code pertaining to occupational licensing requirements for vehicle dealers, manufacturers, etc. Bidders are to submit (with the bid or within 5 days of request) a copy of their valid occupational license issued by the California Department of Motor Vehicles, or a valid copy of their dealer's license issued by the state where their business is located along with a copy of the occupational license of the California joint bidder. Bidders who fail to submit a copy of a valid occupational license when requested will not be eligible for award.

General: The vehicle shall be new (unused), current production. Each vehicle shall be supplied with all equipment and accessories indicated as standard equipment in the manufacturer's published literature unless specifically deleted as stated in this specification or Invitation for Bid (IFB). Optional equipment necessary to meet the requirements of this specification shall also be installed.

Drawings: One (1) set of drawings shall be provided with the bid or within 5 days of request by the State. The drawings shall depict the basic vehicle layout including a top view, interior and exterior configuration offered to meet the specification requirements.

Must provide documents that verify two (2) previous consecutive years of documented experience in the fabrication of the vehicle type as described in this specification with the bid or within 5 days of request by State. Documentation shall include customer lists, contact names and numbers, type and quantity of units manufactured during the previous two years.

Must provide documentation that they are currently certified through factory available training, such as Ford Motor Company's "Qualified Vehicle Modifier" program or have received similar OEM training with the bid or within 5 days of request by State. This training is required to modify or program the chassis and body configurations.

Must provide documentation that the structural integrity of the proposed body and manufacturing standards meet or exceed the same performance standards of FMVSS #220 Static rollover Protection standards with the bid or within 5 days of request by State.

A minimum of two (2) authorized service and repair facilities shall be designated. One authorized service and repair facility shall be located in Northern California and one authorized service and repair facility shall be located in Southern California. List of warranty service facility locations including the name of the authorized service representative shall be provided with the bid or within 5 days of request by State.

PRECONSTRUCTION CONFERENCE: A preconstruction conference shall be held at the successful bidders manufacturing facility between the manufacturer's representatives, a member of their engineering staff, construction supervisor and two (2) California DOJ representatives within 30 calendar days after the formal notification of receiving the successful bid (ARO). This conference shall be held prior to the start of any construction. The purpose of this meeting is to review the specifications, resolve any questions concerning the specifications and/or any variations of the chassis and to provide the California DOJ representatives with the opportunity to inspect the manufacturer's facilities.

INSPECTION TRIPS: The DOJ shall conduct inspection trips as described below. The scheduling of the required factory inspection trips will be discussed during the pre-construction conference.

Inspection Trip #1: Two (2) DOJ representatives shall travel to the contractor's fabrication facility for the initial pre-construction conference and facility inspection.

Inspection Trip #2: One (1) DOJ representative shall travel to the contractor's fabrication facility for an inspection to ensure contract compliance.

TRAVEL EXPENSES: All travel and transportation expenses for the DOJ Representatives for the required pre-construction conference and inspection trip shall be arranged and pre-paid for by the vendor. The travel and transportation expenses shall be arranged from Sacramento, Ca. to the contractor's manufacturing facility and return. Transportation expenses consist of the charges for commercial carrier fares, lodging, meals, rental vehicles including fuel, private or State vehicle mileage at \$.41 per mile, overnight and day parking for State or privately owned vehicles, bridge or road tolls, taxi or street car fares and all other charges essential for transportation.

When air travel is used, the DOJ personnel shall use Sacramento International Airport. Claims for transportation by the scheduled airlines shall be allowed at the lowest fare available in conformity with the regular published tariffs for scheduled airlines in effect on the date the flight originated.

Documents:

The following documents shall be delivered to the consignee (receiving agency) with the vehicle:

1. Completed and Signed Pre Delivery Inspection Checklist, including the P.O. Number and Vehicle I.D.
2. "Line Set Tickets" or "Window Sticker" showing all options installed.

Pre Delivery Check List: Prior to delivery, the vehicle shall be completely inspected and serviced by the delivering dealer and/or the manufacturer's pre-delivery service center. A copy of the pre-delivery service checklist shall be completed for each vehicle, signed by a representative of the organization performing the inspection/service and delivered with the vehicle.

Receiving Inspection:

Vehicles will be inspected for compliance with these specifications by a Department of General Services Inspector of Automotive Equipment at the dealer's place of business prior to delivery. It will be the responsibility of the dealer to ask for inspection when vehicle is ready for delivery. Inspection will commence within five (5) working days of notification. Inspection will include: specification compliance, workmanship, appearance and proper operation of all equipment and systems and that all documents are present. The burden of proof of compliance with this specification will be the responsibility of the bidder. Call the agency contact reference on the Purchase Order for assistance in contacting the Inspector of Automotive Equipment.

Completion of inspection or acceptance by the State inspector shall in no way release the dealer from satisfying the requirements of the contract, specifications, and warranty. Deviations from the specified requirements that are detected by the owning agency shall be corrected by the dealer in an expeditious manner at no expense to the owning agency.

Preparation for Delivery: The completed vehicle as presented for the "final" acceptance shall be cleaned, internally and externally (freshly washed and chamois) and delivered full of fuel and with a full charge to the battery system.

Warranty:

Manufacturer's standard factory warranty shall be provided. This warranty shall be honored by all franchised dealers of the vehicle within the State of California. All warranty certificates and/or cards shall be supplied with the vehicle at delivery.

Normal wear items such as tires, headlamps, light bulbs, brake linings, brake disc/drums, etc., are excluded from warranty coverage. All other items not subject to normal wear or gross operator neglect and abuse, such as batteries (maintained in accordance with factory instructions), windshield, seat, chassis, electrical switches, paint, hinges, locks, etc., shall be covered.

Parts and Service: Body and component repair parts and service shall be readily available from the contractor.

Weight Certificate: Upon delivery, (for registration purposes) the contractor must provide a certified weight certificate showing the total "Tare" weight for the vehicle.

Books / Manuals:

The following shall be provided upon delivery of each vehicle:

- Vehicle Owner's Manual
- Chassis Owner Information Manual
- Module remount engineering list
- Vehicle electrical schematic including a wire coding list, schematic for standard "as built" systems including driver modular body cutoff, generator control panel, wiring harness routing, interior and exterior lights.

Warranty Service Locations

1. Name: SHEA & SONS EMERGENCY VEHICLES
Address: PO BOX 721057, SAN JOSE, CA 95172
Phone Number: (800) 779-3484
Authorized Service Representative: MICHAEL SHEA

2. Name: K & T TRUCK REPAIR
Address: 3618 OMEC CIRCLE, RANCHO CORDOVA, CA 95742
Phone Number: (916) 635-9507
Authorized Service Representative: CHUCK PARKER

3. Name: FRONTIER EMERGENCY VEHICLES
Address: 2940 OSBORN ROAD, PHOENIX, AZ
Phone Number: (800) 466-0434
Authorized Service Representative: MIKE OR EJ HESTON

4. Name:
Address:
Phone Number:
Authorized Service Representative:

STATE OF CALIFORNIA
Cab and Chassis Questionnaire

QUESTION

INFORMATION FOR VEHICLE OFFERED

Bidder's Company Name

TAYLOR MADE AMBULANCES

Questionnaire Completed By/Phone Number

LAURA COE (800) 468-1310

Cab & Chassis Brand/Model/Year of Manufacture

2008 FORD F-450 4X4

Gross Vehicle Weight Rating (GVWR)

16,000

lb

Gross Axle Weight Rating:

Front Axle:

Rated Capacity(GAWR)

7000

lb

Rear Axle:

Rated Capacity(GAWR)

12000

lb

Wheelbase

189"

Inches

Cab-to-Axle:

108"

Inches

Engine Manufacturer/Model/Year of Manufacture

FORD V-10 - 2007 FOR 2008 MODEL YEAR

Engine:

Number of Cylinders

10

Gross Engine HP/Torque

362 HP

457

Torque

CARB Emission Certification:

Emission Category

50 STATE EMISSIONS

Four Wheel Drive

Yes

No

Limited Slip Differential

Yes

No

Brakes: Power-assisted, 4-wheel ABS

Yes

No

Rear Axle Ratio:

4.88

Rear Axle Ratio

Fuel Tank Capacity:

40

Gallons

Fuel Tank Location

AFT OF AXLE

FEDERAL EXCISE TAX
EXEMPTION CERTIFICATE

NAME OF VENDOR <i>Taylor Made Ambulance</i>		
NAME OF AGENCY <i>Department of Justice</i>		
THIS ORDER - KIND <input type="checkbox"/> SUB-PURCHASE ORDER <input checked="" type="checkbox"/> PURCHASE ORDER	NUMBER <i>61931</i>	DATE <i>1/23/00</i>

THE UNDERSIGNED HEREBY CERTIFIES THAT HE IS AN OFFICER OR EMPLOYEE OF THE STATE OF CALIFORNIA AND THAT HE IS AUTHORIZED TO EXECUTE THIS CERTIFICATE AND THAT THE ARTICLE OR ARTICLES SPECIFIED IN THE ACCOMPANYING ORDER OR ON THE REVERSE SIDE HEREOF ARE PURCHASED FOR THE EXCLUSIVE USE OF THE GOVERNMENTAL UNIT NAMED ABOVE.

IT IS UNDERSTOOD THAT THE EXEMPTION FROM TAX IN THE CASE OF SALES OF ARTICLES UNDER THIS EXEMPTION CERTIFICATE TO THE STATE OR ANY POLITICAL SUBDIVISION THEREOF IS LIMITED TO THE SALE OF ARTICLES PURCHASED FOR THEIR EXCLUSIVE USE, AND IT IS AGREED THAT IF ARTICLES PURCHASED TAX-FREE UNDER THIS EXEMPTION CERTIFICATE ARE USED OTHERWISE OR ARE SOLD TO EMPLOYEES OR OTHERS, SUCH FACT MUST BE REPORTED TO THE MANUFACTURER OF THE ARTICLE OR ARTICLES COVERED BY THIS CERTIFICATE. IT IS ALSO UNDERSTOOD THAT THE FRAUDULENT USE OF THIS CERTIFICATE TO SECURE EXEMPTION WILL SUBJECT THE UNDERSIGNED AND ALL GUILTY PARTIES TO A FINE OF NOT MORE THAN \$10,000, OR TO IMPRISONMENT FOR NOT MORE THAN FIVE YEARS, OR BOTH, TOGETHER WITH COSTS OF PROSECUTION.

OFFICER OR EMPLOYEE - TITLE OR POSITION	SIGNATURE
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