



Form GSOP 1-PIN (04/98)

STATE OF CALIFORNIA
 Department of General Services - Office of Procurement
PURCHASE ORDER

Purchase Order No. Rev. Date
62168 6/30/2008

Supplier No.	Solicitation No.	Delivery Date	FOB Point	Invoice Terms
278639	57086	365 Days ARC	Destination	

MOTOR COACH INDUSTRIES INC
 1700 E GOLF ROAD, STE 300
 SCHAUMBURG, IL 60173
 Attn: TOM WAGNER

S DEPT CORRECTIONS & REHAB **C** CORRECTIONS B-23
h T TRANSPORTATION UNIT **a** T ADMINISTRATION ACCTING
i o 1515 S STREET, RM 310-N **r** o PO BOX 187018
P SACRAMENTO, CA 95814 **g** e SACRAMENTO, CA 95818-7018
 Attn: MIKE SCOBEE (916)322-8722

Agency Billing	Agency Purchase Estimate	Purchase Estimate	Revision
16836	01792370	67076	0
Agency Contact		Phone	Date Received
NINA A. MARTINEZ		916-445-3404	

Phone: 847-285-2107

Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension																					
<p><u>Purchase Order Change #1</u> <u>May 4, 2009</u></p> <p>Purchase Order Change #1 for Purchase Order 62168 for Inmate Security Buses has been modified to reflect the following change(s).</p> <p>1. The Department of Corrections and Rehabilitation is exercising the multi-year production and delivery option as stated on the original purchase order and has authorized the purchase of two (2) buses for fiscal year 2008/2009 at the original purchase order price of \$441,872.00.</p> <table border="0"> <tr> <td>2008/2009 Option</td> <td><u>Unit Price</u></td> <td><u>Ext. Price</u></td> <td colspan="4"></td> </tr> <tr> <td>2 ea. Bus (as described)</td> <td>\$441,872.00</td> <td>\$883,744.00</td> <td colspan="4"></td> </tr> <tr> <td>2008/2009 Option Total</td> <td></td> <td><u>\$883,744.00</u></td> <td colspan="4"></td> </tr> </table> <p>**Sales tax is to be added at the time of invoice and not included as part of this change order.**</p> <p><u>SCPRS</u></p> <p>This Purchase Order has been registered into the State Contract and Procurement Registration System (https://www.scprs.dgs.ca.gov/). The registration number is 62168.1.</p> <p>All requirements, terms and conditions of original purchase order contract remain the same.</p> <p style="text-align: right;">TOTAL INCREASED ORDER: <u>\$883,744.00</u></p>							2008/2009 Option	<u>Unit Price</u>	<u>Ext. Price</u>					2 ea. Bus (as described)	\$441,872.00	\$883,744.00					2008/2009 Option Total		<u>\$883,744.00</u>				
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2008/2009 Option Total		<u>\$883,744.00</u>																									

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

Buyer SHANNON KELLER	Phone 916-375-4606	BOC Number 14398
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Form GSOP 1-PIN (04/98)

STATE OF CALIFORNIA
Department of General Services - Office of Procurement
PURCHASE ORDER

Purchase Order No.	Rev.	Date
62168		6/30/2008

Supplier No.	Solicitation No.	Delivery Date	FOB Point	Invoice Terms
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MOTOR COACH INDUSTRIES INC 1700 E GOLF ROAD, STE 300 SCHAUMBURG, IL 60173 Attn: TOM WAGNER Phone: 847-285-2107	S DEPT CORRECTIONS & REHAB h T TRANSPORTATION UNIT i o 1515 S STREET, RM 310-N p SACRAMENTO, CA 95814 Attn: MIKE SCOBEE (916)322-8722	C CORRECTIONS B-23 h T ADMINISTRATION ACCTING a r o PO BOX 187018 e SACRAMENTO, CA 95818-7018	
	Agency Billing	Agency Purchase Estimate	Purchase Estimate Revision
	16836	01792370	67076 0
Agency Contact		Phone	Date Received
NINA A. MARTINEZ		916-445-3404	

Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
<p>This purchase order is being awarded on SEPTEMBER 19, 2008 pursuant to Government Code Section 13332.17. Any encumbrances made pursuant to this purchase order shall be construed to have been made on the last day of the preceding fiscal year.</p> <p>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:</p> <p>www.documents.dgs.ca.gov/pd/modellang/GPnonIT0407.pdf</p> <p>THE FOLLOWING INFORMATION IS PROVIDED FOR AGENCY USE ONLY:</p> <p>Prime Contractor: NS</p>						
1	2	EA	2310-999-0005-0	BUS (AS DESCRIBED) Inmate Security Bus, Inercity, Motor-Coach, meeting the requirements of the attached specification 9838-0328 of twelve (12) pages and include the following equipment: Cell Partition, Cell partitions shall be installed to isolate inmates from officers as illustrated in the drawing. Front partition shall be 49-inches from datum. Partitions shall reach from the floor to just below the ceiling, and shall have a lockable 22-inch wide door in the aisle and a smaller access door at eye level. Cell partitions shall be provided to isolate three (3) cells on the roadside of the coach. Each cell shall include a lockable door with a smaller access door at eye level; Third partition to separate additional seats in the main seating area, location to be determined at pre-construction conference Standard gun port at rear vestibule area Weapons Locker Roof mounted cellular phone antenna and an appropriate cell phone adaptor shall be provided upon delivery of the vehicle Roof mounted front exterior strobe light	441,872.0000	883,744.00

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

Buyer	Phone	BOC Number
 SHANNON KELLER	916-375-4606	14398

STATE OF CALIFORNIA

Department of General Services - Office of Procurement

PURCHASE ORDER CONTINUATION

Form GSOP 2-PIN (04/98)

<i>Purchase Order No.</i> 62168	<i>Revision</i>	<i>Date</i> 6/30/2008	<i>Supplier No.</i> 278639	<i>Supplier Name</i> MOTOR COACH INDUSTRIES INC.
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<i>Item No.</i>	<i>Quantity</i>	<i>Unit</i>	<i>Commodity Code</i>	<i>Description</i>	<i>Unit Price</i>	<i>Extension</i>
				Two (2) camera video system with sixty (60) GB hard drive, event marker viewing station		
				Two (2) additional camera's with location to be determined at preconstruction conference		
				Brand: SAFETY VISION		
				<u>PO Miscellaneous Charges and Discounts</u>		<u>Dollar Value</u>
				BATCH ADJUSTMENT (CHARGE)		31.50
				Total Value:		883,775.50
<u>CHANGES AND OR MODIFICATIONS TO ORIGINAL SPECIFICATIONS</u>						
The following changes or modifications were made via addendum to the solicitation 57086 and are incorporated into this purchase order.						
Section 28.0 Officers and Drivers Seats All officer seats shall be equipped with a minimum 2 point seat belts.						
Section 31.0 Lavatory A stainless steel bowl and tamper resistant seat are required as well as other exposed parts which are prone to being broken, dismantled or otherwise present a security risk when tampered with.						
Exceptions document attached to this purchase order provides additional information and clarification that has been accepted by the State.						
<u>MULTI YEAR PRODUCTION AND DELIVERY</u>						
The purchase order has the option of purchasing a total of six (6) buses delivered over the next three (3) years. Schedule would be as follows:						
	2007/2008			2 buses		
	2008/2009			2 buses		
	2009/2010			2 buses		
This is an option that must be authorized via a formal purchase order change (POC) document. No production may begin on any additional buses without written authorization from the State. A pre-production meeting will take place for each optional year. This option can be cancelled by the State at any time.						
<u>FOR THE PURPOSE OF THIS AWARD</u>						
Only Free On Board (F.O.B.) Destination shall be accepted.						
<u>FEDERAL EXCISE TAX EXEMPTION CERTIFICATE</u>						
Federal Excise Tax Exemption Certificate attached.						

1,767,551.00
TAX 950,468.16
1,704,536.20

PURCHASE ORDER CONTINUATION

Form GSOP 2-PIN (04/98)

Purchase Order No.	Revision	Date	Supplier No.	Supplier Name
62168		6/30/2008	278639	MOTOR COACH INDUSTRIES INC

Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
<p><u>CALIFORNIA TIRE RECYCLE FEE</u></p> <p>A one-time recycle fee of \$1.75 per tire, for eighteen (18) tires, totaling \$31.50, is included in this purchase order.</p> <p><u>SALES TAX</u></p> <p>Sales tax was not included in the bid pricing and is not part of this award. Sales tax should be added at time of invoicing. The sales tax rate applied should be based on the rate of the area the product is to be delivered to.</p> <p><u>CHANGE ORDERS</u></p> <p>This Purchase Order may be amended, modified, or terminated at any time by mutual agreement of the parties, in writing. Change orders amending, modifying or terminating the Purchase Order, including any modifications of the compensation payable, may be issued only by the State Procurement Officer. All such change orders shall be in writing and issued only upon written concurrence of the supplier. Termination, as that term is used in this section, does not include termination for default of the supplier.</p> <p><u>SCPRS</u></p> <p>This Purchase Order has been registered into the State Contract and Procurement Registration System (https://www.scprs.dgs.ca.gov/). The registration number is E2400908333369.</p>						



STATE OF CALIFORNIA

Bid Specification

Inmate Security Bus Intercity, Motor-coach

California Department of Corrections and Rehabilitation

1.0 SCOPE OF WORK

This specification describes the requirements for a current model year inmate security transport bus with at least a 38-inmate, 3-officers and one (1) driver for a total of 42 passenger seating capacity. Bus shall be a front entrance, rear engine diesel design. This vehicle shall be built to comply with all laws, rules and regulations of the State of California, Motor Vehicle Code and all Federal Vehicle Safety Standards, and State and Federal Noise Regulations in effect at the time of award of contract.

The bus will be used by the California Department of Corrections and Rehabilitation (CDCR) to provide daily transport service for (CDCR) inmates. CDCR expects the vehicle to be able to withstand the rigors of daily trips of five hundred (500) miles, up and down the State of California, including mountain and desert terrain. Ambient temperatures to which the vehicle will be exposed will range from approximately -10°F to 120°F.

2.0 GENERAL VEHICLE DIMENSIONS

Gross Vehicle Weight Rating:	46,000 lbs, minimum
Overall Length:	40 feet, maximum, plus or minus 6 inches
Overall Height:	137 inches, maximum
Interior Headroom:	75 inches, minimum
Overall Width:	102 inches, maximum
Interior Center Aisle Width:	14 inches, minimum
Turning Radius:	44.5 feet, maximum

3.0 ENGINE

The engine shall be a diesel powered engine that meets all California Air Resources Board (CARB) emissions requirements for the State of California. Upon request the bidder shall supply copies of an Allison (SCAN) Performance Prediction for the bus configuration proposed.

Minimum engine specifications are as follows:

Displacement (Cu. in.):	12.7 Liter
Horsepower:	410 HP
Torque:	1450 lb.-ft.

Bus shall be equipped with a engine block heater to ensure engine start-up prior to operation in cold climates (-10 degrees).

Engine bulkhead shall be insulated to minimize heat and noise transfer to the coach interior.

Engine compartment shall be lighted for night time maintenance or repair.

Oil pressure gauge, water temperature gauge, engine run switch, starter cut-out switch, starter switch and lamp switch are required in the engine compartment.

Engine shall be governed to maintain a top speed of 70 MPH with proper horsepower and gear ratio to pass other slow moving traffic.

Fuel, oil and air lines in the engine compartment shall be stainless steel clad Teflon.

Engine shall be mounted on a cradle (or comparable device) to facilitate power plant removal. Engine shall be readily removable from the bus (with the use of a forklift or other load carrying device) for engine replacement and repair. The engine shall also be easily accessible for servicing and complete in-frame overhauls.

- 4.0 **AUXILIARY BRAKING:** An auxiliary braking device that supplements the vehicle wheel braking system and provides the maximum vehicle retardation available for the specified engine/transmission combination shall be provided.

(Ref. Jake Brake or O.E.M. installed hydraulic output retarder with controller for the Allison World Transmission.

5.0 **TRANSMISSION**

Bus shall be equipped with manufacturer's standard automatic, electronically controlled transmission. Reference Brand: Allison B500 6-Speed

6.0 **ELECTRICAL SYSTEM**

Excluding the battery wiring, all wiring between major electrical components and terminations shall meet the requirements of SAE Standards and recommended practices for electrical wires and low voltage battery cables. At points where wiring penetrates metal structures, rubber grommets, cushions, or electrometric material shall be provided. All wiring supports shall be non-conductive. The electrical system components shall be protected from damage due to heat, water solvents and/or chafing.

All terminals and splices shall be soldered or appropriately crimped together. Scotch-lock connectors are not acceptable.

Sliding trays shall be provided for batteries to allow access for battery maintenance.

7.0 **SUSPENSION**

Shock absorbers shall be provided on each of the front and rear trailing axles. Rear drive axle shall have two shock absorbers on each side. All drive axle shocks shall be interchangeable on each axle, side to side.

Front and rear axles shall include a leveling type mechanism to ensure proper coach height and level position regardless of the load.

A sway bar shall be provided to prevent the bus from swaying when turning and moving in and out of traffic. A front independent suspension may be provided in lieu of the specified sway bar.

8.0 WHEELS AND TIRES

Nine (9) wheels and rims shall be provided, hub mounted tubeless type. Wheels shall be fully interchangeable with single front, single trailing, and tandem rear drive axle.

Bus shall be equipped with the OEM's standard tubeless type radial tires mounted on OEM approved wheels as recommended by the Tire and Rim Association, Inc. and the tire manufacturer for the GVWR specified. All wheels and tires shall be dynamically spin balanced.

9.0 BRAKES

Bus shall be equipped with disc air brakes having ABS (anti-lock braking system) capability in compliance with current federal regulations. The brakes and the parking brake must be capable of stopping the vehicle in accordance with the performance requirements of FMVSS 121 in effect at the time of manufacture. For towing service: The emergency air tank shall be piped to service area in order to be able to supply air to release the brakes while vehicle is in tow.

10.0 STEERING

Integral hydraulic power-assisted tilt and telescopic steering shall be provided.

11.0 AIR SYSTEM

The air system shall be equipped with manufacturer's standard components and shall have the capacity to assure sufficient air supply to all air-operated systems and components. The air reservoir shall be located underneath the coach so as to be easily accessible for inspection and maintenance. Air tank sizing and plumbing shall be in accordance with the FMVSS 121 requirements.

Provisions shall be made to apply shop air to the coach system using a Schrader type valve located in the engine compartment. All air tanks shall be equipped with drain valves.

Grommets shall protect the air lines at all points where they pass through under-structure components. All air lines shall be supported at appropriate intervals for maximum protection from flexing, vibration, tension, strain, chafing of air lines and road hazards.

12.0 COOLING SYSTEM

The manufacturer's cooling system of sufficient size and capacity to cool the specified power train shall be provided. Cooling system must be capable of maintaining operating temperatures in 112 degree ambient environment with the vehicle operating at highway speeds or ascending maximum grades.

13.0 EXHAUST SYSTEM

A single, heavy duty engine exhaust muffler shall be provided on the engine. Engine exhaust shall comply with applicable California Air Resources Board emission standards effective as of the date the vehicle is manufactured.

Tail pipe shall exhaust the gases from the muffler to an outlet with stainless steel deflector to the rear of the passenger compartment. Note: Required modifications to the vehicle manufacturer's standard exhaust system shall in no way void any vehicle component warranties (e.g. engine warranty).

14.0 HEATING, AIR CONDITIONING, AND VENTILATION SYSTEMS

Main heating, air conditioning and air circulating system shall be integrated to the maximum extent possible. The system shall be capable of automatically maintaining all parts of the passenger compartment at temperatures between 60 degrees and 80 degrees Fahrenheit with ambient temperatures from 10 degrees to 95 degrees Fahrenheit.

With ambient temperatures between 95 degrees Fahrenheit and 110 degrees Fahrenheit, the system shall maintain an average temperature differential of 25 degrees.

With ambient temperatures between -10 degrees Fahrenheit and +10 degrees Fahrenheit, the interior temperature shall not fall below 60 degrees Fahrenheit with no passenger load, other than the driver.

The main heating system shall have a capacity of minimum 150,000 B.T.U./Hour at 180 degrees Fahrenheit water temperature.

The heater water lines shall be copper tubing. All hoses used for the cooling/heating system shall be Teflon type with stainless steel braid or comparable.

A dash heater and defroster system shall be provided in the front dash compartment. A heater unit of at least 34,000 B.T.U. output at 180 degrees Fahrenheit water temperature is required. This system shall be adequate to provide 65 degrees Fahrenheit temperature in the driver's area with an outside temperature of 0 degrees Fahrenheit.

An interior ventilation system shall be provided to introduce fresh outside air into the prisoner seating area. The air ventilation system will be utilized during emergency breakdowns to circulate air from the front of the coach through the coach and out the coach rear sections for appropriate air circulation. The system must incorporate a power ventilation feature using the vehicle battery as the power source. Air flow shall be sufficient to ventilate the bus interior with zero forward speed and only a single hatch open. The battery shall be sized to allow for a minimum of 20 minutes of operation at full fan speed.

A defrost fan shall be provided in the security officer's seating area in the rear of the bus to provide additional ventilation. The fan shall be mounted near the top rail of the officer's exit door.

15.0 WINDSHIELD WIPERS

Two windshield wipers of self parking type with at least three speeds and an intermittent wiper control feature shall be provided.

Windshield washers shall be provided with a minimum five gallon reservoir.

16.0 FUEL TANK

The fuel tank shall have a minimum 150 gallon capacity. The tank shall be equipped with an anti-spill device complying with Motor Carrier Safety regulations.

17.0 INSTRUMENTS

Instrument panel directly in front of the driver shall be clearly marked and include:

- Air pressure gauge

- Water temperature gauge
- Stop engine and check engine indicators
- Low oil pressure indicator
- Hot engine gauge
- Oil pressure gauge
- Fuel level gauge
- Voltmeter

A key type master/starter switch shall be provided.

Indicator lights shall be an integral part of the front dash panel and shall indicate:

- Stop lights on
- Headlight high/low beams
- Low air pressure
- Hazard warning lights
- Back up light
- Directional signal action

In addition to the indicator light, a buzzer shall sound for low oil pressure, hot engine, low coolant level, and low air pressure.

An engine oil pressure gauge, water temperature gauge, starter button, safety switch, and generator not charging indicator light and a service light shall be provided in the engine compartment.

Control switches shall be clearly marked and located to allow the seated driver access to the switches controlling the heat and air conditioning, exterior lighting, stepwell lights, fast idle, and interior lighting. A separate switch shall control the driver's heater and defroster motor.

Manufacturer's standard dual air horns shall be provided and installed with protection from wheel wash.

18.0 BODY - EXTERIOR

The body and understructure of the bus shall be built as an integral unit adequately reinforced at all joints where stress concentration may occur. The body structure shall be constructed with steel framing above and below the floor as a true monocoque design. All components in the frame are to be joined by welding or riveting. Alternate designs will be considered. A minimum of three (3) customer references shall be provided. Customer references shall have operated individual bus units for at least 1,000,000 miles of routine daily commercial service. The bus used to demonstrate this design life shall be of comparable design to that offered for this solicitation.

All fasteners exposed to the elements and like parts shall be zinc, cadmium plated, phosphate coated, black oxide coated, stainless steel or nylon to prevent corrosion.

Rear engine compartment doors shall be secured by a key or spike type door lock for added security. The locking device shall be flush with the coach exterior. The manufacturer shall provide a minimum of 6 spare spikes if a spike lock is provided. If a key lock is provided, the lock shall be keyed alike with the passenger door.

Any exterior doors providing access to fuel or electrical panel shall be lockable and keyed alike.

The lower portion of the bus' entire body (i.e., front, sides and rear) shall incorporate a stainless steel skin or comparable metal skin of similar strength and finished to ensure material is non-corroding. The body shall be thoroughly water tested to prevent moisture from penetrating the coach.

Wheel-wells and wheelhouse skirts shall be stainless steel and shall not protrude through the passenger floor.

The entire underside of the coach shall be sprayed with an application of undercoating material.

The roof of the bus shall be equipped with black decals. The format and size will be determined at the preconstruction conference.

19.0 WINDOWS

Windshield shall be two-piece laminated safety glass, allowing a nominal 70 percent light transmission. The windshield divider panel and "A" posts shall be covered with a durable material that will not hold dirt and that shall permit use of standard industry cleaning chemicals.

The driver's side window shall have a visor installed at the top of the sash. The window directly above the side window will be masked with the same material used to mask the windshield.

Six large rectangular passenger side windows shall be provided on each side of the coach.

The windows on both sides of the coach shall be ½ -inch thick Almacoat acrylic or comparable material, permanently fixed type and sash mounted in black anodized extruded aluminum frame. Glazing shall be bronze or gray in color, sufficiently dark to prevent viewing the interior of the coach from outside in daylight situations. The glazing shall allow a maximum of 12 percent light transmittance (+/- 5%). All inmate side window rubber shall be secured with a steel bracket except at rounded corners fastened with tamper proof screws.

The #1 left-hand and right-hand officer windows shall be tinted to match the six remaining windows on both sides of the coach.

The rear officer window and the officer exit door window shall be tinted to match the tint of the forward/side coach windows.

Horizontal security bars, six minimum, shall be located on the interior of each inmate seat window. No security bars shall be located on the interior of the driver and officer seat windows. Steel bars shall cover the portion of the #1 roadside and curbside window sash located to the rear of the #1 front partition.

20.0 MIRRORS

Two large fully adjustable, heated, remote exterior rear view mirrors shall be provided. Exterior rear view mirrors shall be provided with plate glass 80 square inches or larger and a convex mirror (located above or below) sized 20 square inches or larger. Mirror arms shall be designed to fold out of the way to preclude damage by automatic bus washing equipment.

An interior rear view mirror (sized 5" x 25" or larger) shall be installed on the center post of the windshield. An additional interior rear view mirror (5" x 25" or larger) shall be installed over the right hand windshield.

No destination sign or sign housing structure shall be provided.

A rear mounted back-up camera with LCD screen visible by driver shall be provided that operates automatically when vehicle transmission is in "reverse" or "park" position.

21.0 LIGHTS

The following light components shall be provided:

- (a) Six LED type marker lights, four amber and two red.
- (b) Six directional signals: front, rear and side. Rear directional signals shall be amber color.
- (c) Eight reflectors or as required by the California Vehicle Code.
- (d) Two back up lights.
- (e) Two halogen headlights.
- (f) Two rear brake lights.
- (g) Two tail lights.
- (h) Two clear fog lights installed into or near the lower front bumper.
- (i) Six side directional spot lights, amber in color; three located on each side of the bus. One located above either side of the front tire molding, one located above the number 2 baggage compartment, and one located in the rear above the dual wheels.
- (j) Red flashing warning lights on the front and rear roof corners; flashing lights shall be activated by a toggle switch in the driver's compartment.

22.0 BAGGAGE CAPACITY

No overhead parcel rack compartments shall be provided.

Three full width under-floor baggage compartments shall be provided between the front and rear drive axle. Total baggage compartment volume shall be a minimum of 300 cubic feet. Each compartment shall be separated by a solid aluminum or stainless steel bulkhead. The compartment doors shall be one piece, fully sealed vertical lift type. Each door shall be constructed of corrosion resistant stainless steel or comparable metal skin of similar strength and finished to ensure material is non-corroding. Door shall be spring counter balanced for ease of operation. Each door shall be equipped with a flush mounted handle in an appropriate area for ease of use. The door locks shall be air locks; manual locks will not be accepted. Each baggage compartment shall be illuminated automatically when the doors are opened.

23.0 ENTRANCE DOOR

An air operated type control shall be provided for the entrance door with positive automatic air lock and overrule. Air lock shall be automatically actuated by a micro-switch at the over-center position when the door is closed or may be controlled by a separate switch accessible to the seated driver in lieu of a fully automatic locking system. The entrance door lock shall be a cylinder-type lock and a dead bolt-type lock shall be provided that shall be locked/unlocked from the outside (exterior) only. The lock shall be keyed to match the ignition switch and bin doors.

The entrance door shall be located ahead of the right front wheel and shall include a stainless steel panel riveted on the outside. A fiberglass panel shall be used on the inside of the door with a stainless steel kick panel on the lower portion. The lower portion of the door shall have a window to allow driver visibility and shall meet Federal Motor Vehicle Safety Standards (FMVSS).

A minimum 50-watt flood light shall be mounted above the door top illuminate the exterior entrance to the bus. The light shall be controlled by the driver.

The floor covering in the step well shall be manufacturer's standard, non-slip flooring.

24.0 EMERGENCY EXITS

One rear officer exit door complete with locks shall be provided. The rear officer exit door must be on the road side at the rear of the vehicle. The rear officer exit door shall include a paddle type handle for slam closing of the door prior to lock engagement and a standard automotive type locking mechanism with a Schlage dead bolt assembly accessible by key from both inside and outside the vehicle. A safety latch to hold the door open under windy conditions shall also be included.

A safety latch to hold the door open under windy conditions shall also be included. Grab handle(s) extending a minimum of 3 feet and a maximum of 4 feet in length shall be provided on the exterior of the bus near the exterior door. Two "steps" of equal distance shall be provided to allow access to the rear officer exit door. One additional "step" shall be provided directly below the rear officer exit door. A grab handle, two feet (\pm 2 inches) in length shall be installed vertical to the hinges on the interior side of the officer exit door.

Grab handle(s) extending three to four feet in length shall be provided on the exterior of the bus near the exterior door. Two "steps" of equal distance shall be provided to allow access to the rear officer exit door. One additional "step" shall be provided directly below the rear officer exit door. A grab handle approximately two feet in length shall be installed vertical to the hinges on the interior side of the officer exit door.

Two roof hatches shall be provided for emergency exit and ventilation purposes. The front hatch shall be located forward of the CDCR mounted wall-to-wall partition. The rear roof hatch shall be located in the rear officer vestibule area. No hatch shall be mounted within the prisoner cell areas. Hatches shall be rigid, metal frame construction, lockable from the coach interior.

All dead-bolt assemblies shall be keyed to match the Department of Corrections and Rehabilitation Transportation Unit key code (925). The key code is confidential. The contractor shall keep no record of the key code once the buses have been delivered to the State. The key code will be provided to the contractor by the CDCR Transportation Unit Fleet Coordinator prior to construction.

25.0 INTERIOR CONSTRUCTION

All interior ceiling panels and side-walls shall be constructed of durable vinyl clad aluminum, stainless steel, or material of comparable strength, riveted in place.

The contractor shall insure that the bus body provides for "hard points" especially in the areas separating the side windows. Upon request, the manufacturer shall provide technical assistance to the State as to how to best mount the security features both inside and / or outside of the coach.

26.0 INTERIOR LIGHTING

At least 14 ceiling lights shall be provided with locations staggered on each side of the bus. The main passenger compartment lights shall be controlled through a 3-position toggle switch to control the level of illumination (off / half-on / full-on).

The light above the right hand front officer position shall be on a separate switch from the other lights. A similar light shall be provided above the rear officer's position, complete with toggle switch.

The interior lighting shall be sufficient candle power to brightly light all areas of the bus interior. All lenses in the prisoner area shall be shielded by a stainless steel mesh guard (or a comparable material subject to buyer's approval) mounted with tamper proof screws. (Note: The bidder shall provide one (1) tool required to remove the tamper proof screws and allow access to the ceiling lights).

27.0 FLOOR

The floor shall be constructed of no less than ½", 5-ply fir plywood or material of comparable strength. The floor shall be insulated the full length of the body to reduce noise and vibration.

Floor covering shall be black or gray ribbed non-slip, or comparable material, and glued to the floor with waterproof cement.

All stainless steel floor tracks shall be welded to the vehicle frame, shall include tamper proof filler, and shall be installed flush to the floor. The fasteners used for this installation shall be tamper proof and the color of the floor track filler shall match the color of the floor covering.

28.0 OFFICERS AND DRIVER'S SEATS

A high back, air ride seat with adjustable lumbar/lower back support and adjustable arm rests shall be provided for the driver. Driver's seat shall be equipped with a 2-point seat belt. The seat shall be covered with cloth fabric. Final Color to be determined at preconstruction conference. Reference Brands: Recaro, ISRI.

One single seat with adjustable lumbar/lower back support and adjustable arm rests shall be mounted on a pedestal in the front officer's compartment at the #1 curbside position facing forward.

One single seat, with adjustable lumbar/lower back support and adjustable arm rests shall be mounted on a pedestal in the officer's compartment at the #1 roadside position facing forward.

The road-side rear officer seat with adjustable lumbar support and adjustable arm rests shall be mounted in the left/rear of the coach and facing forward. An elevated platform shall be provided at the base of this rear seat to allow the officer a 'bird's eye' view (e.g. elevated forward and peripheral view) of the coach interior. This rear platform shall include a concealed, hinged, storage compartment.

All officer seats shall be equipped with 3-point seat belts. The seats shall be upholstered in cloth fabric. Final Color to be determined at preconstruction conference. The armrests and the seat back panel shall be upholstered in black vinyl material if available from the manufacturer. All seatbelt material and mounting shall meet Federal Motor Vehicle Safety Standards (FMVSS) standards 208, 209, and 210.

29.0 INMATE SEATING

Inmate seats shall be plastic or fiberglass seats. Seats shall be resistant to vandalism, scrapes, scratches, stains and graffiti and shall meet all federal structural, smoke and flammability standards. Reference Brand: American Seating or equivalent. All inmate seating shall not include grab rails or side handles.

Inmate seat configuration shall be as follows:
Final seat configuration to be determined at the preconstruction conference.

Seats shall be securely mounted to the stainless steel track in the floor as described in section 27.0, Floor. Seats may also be attached to stainless steel wall tracks that are securely attached to the walls of the vehicle. All wall mounted stainless steel tracks shall be securely attached or welded to the vehicle "hard points", shall include tamper proof filler, and shall be installed flush to the wall (similar to floor tracks). The fasteners used for this installation shall be tamper proof and the color of the wall track filler shall match the color of the wall covering.

30.0 COMMUNICATION SYSTEM / OFFICER POWER SOURCE REQUIREMENTS

Bus shall be equipped with three antennas with pull wires installed that shall be designed for use in buses. Provisions for the installation of one antenna in the front of the vehicle shall include a 12-volt protected source J-box and conduit with fish wire.

One 12-volt power source accessory shall be located / accessible in the driver's compartment.

The #1 curbside officer's position shall be equipped with a small box mounted on the curbside sidewall that is accessible to the seated officer. This box shall contain a 12-volt power source, a 110-volt power source, a control switch for the overhead light, an inverter plug (which will be used for operating lap top computers and cell phone chargers) and a microphone jack.

The #1 roadside officer's position shall be equipped with a small box mounted on the roadside sidewall that is accessible to the seated officer.

This box shall contain a 12-volt power source, a 110-volt power source, a control switch for the overhead light, an inverter plug (which will be used for operating lap top computers and cell phone chargers) and a microphone jack.

The rear security officer compartment shall be equipped with a small box mounted on the sidewall that is accessible to the seated officer. This box shall contain a 12-volt power source, a 110-volt power source, an inverter plug (which will be used for operating lap top computers and cell phone chargers) and a microphone jack.

Intercom/PA system shall be provided to permit communication from the driver to the passenger area and from each officer station to the passenger area. System shall be wired "hot" all the time (shall not turn on/off with ignition). Location of on/off switch(s) shall be determined prior to construction.

Private communication between the forward officer positions and the rear officer shall also be provided. The private communications system shall be wired "hot" all the time (shall not turn on/off with ignition).

Radios shall be supplied by the State and installed by the supplier. Location of radios and on/off switch(s) shall be determined prior to construction.

An AM/FM stereo with CD player shall be provided. A minimum of twelve (12) full range single speakers, shielded by a heavy gauge aluminum mesh guard mounted with tamper proof screws shall be included. The bidder shall provide one (1 for each coach delivered) matching/corresponding tool to remove the tamper proof screws for the purpose of accessing speakers. A separate speaker system shall be mounted in the driver compartment area.

The AM/FM stereo with CD player and P/A systems shall be separate components (e.g. not part of the same component housing). These separate components shall operate off of separate electrical circuits.

31.0 LAVATORY

Lavatory shall include a chemical-type, flush toilet with a minimum four (4) gallon water supply tank and a separate waste/collection tank. A hose (at least 10 ft. length) for use when dumping the waste/collection tank shall be provided. The lavatory shall be equipped with a powered vacuum exhaust system.

The lavatory shall be equipped with a drinking water spigot that is easily accessible at waist height with a water supply tank located behind the lavatory wall. The drinking water spigot shall be plumbed to drain excess water to a waste/collection tank.

The fill position for the toilet and drinking water tanks shall be from the outside of the vehicle and shall be protected by an access door. One connector shall be provided for the toilet and one connector for the drinking water.

The lavatory shall be located at the right-rear of the vehicle. Interior panels shall be stainless steel or powder coated perforated steel. Lavatory door shall be deleted and replaced with a vertical post reinforced with a stainless steel trim. Large portholes shall be cut in both lavatory walls to permit easy visibility in both directions by the rear officer.

Components used in the construction of the lavatory shall be suitable for their intended application in an inmate security bus. A stainless steel bowl and seat are required as well as other exposed parts which are prone to being broken, dismantled or other wise present a security risk when tampered with. It is suggested that details be discussed during any pre-bid or pre-construction meetings.

Tamper proof screws/fasteners shall be used throughout the lavatory. For lavatory maintenance purposes, the supplier shall provide one (1 for each coach delivered) matching/corresponding tool to remove/tighten these tamper proof screws. All signs, dispensers, mirror, grab handles or other manufacturer's standard lavatory accessories shall be deleted.

32.0 PAINT

The exterior of the coach shall be painted to match the existing CDCR Transportation Unit Fleet. Manufacturer's standard paint type comparable to Sherwin Williams or Imron 6000 shall be provided.

Roof to Bottom of Windows: White

Coach Main Body: Green, Custom Mix

Trim & Upper Engine Area: Black

Coach Coating: Clear
Stainless steel exterior paneling shall not be painted. Final paint color selection shall be determined prior to construction.

33.0 SAFETY EQUIPMENT

- (a) Two 5 lb. ABC type fire extinguishers with mounting hardware.
- (b) One 17-lb. fire extinguisher supplied and mounted in the number 1 baggage compartment.
- (c) One first aid standard emergency kit approved and as required by law.
- (d) One approved set of reflectors as required by the California Vehicle Code.
- (e) One set of snow chains with corresponding tensioners. Bus must be able to operate fully loaded with snow chains installed.
- (f) Front and rear tow eye attachments.
- (g) One set of wheel blocks for securing the bus when needed.
- (h) One 12-ton hydraulic jack.

DEPARTMENT OF CORRECTIONS & REHABILITATION
INMATE SECURITY TRANSPORTATION VEHICLE
SPECIAL PROVISIONS

DESCRIPTIVE LITERATURE

Vendor is requested to forward complete descriptive literature with the bid and to note their brand name and catalog or model number. Descriptive literature shall be annotated to specify the applicable page brand, model and item number.

The vehicles shall be new, current production and shall be supplied with all equipment and accessories indicated as standard equipment in the manufacturer's published literature. Optional equipment necessary to meet the requirements of this specification shall also be installed.

PARTS AND SERVICE

Supplier shall be the manufacturer/factory or factory authorized distributor/representative and offer factory authorized service and parts for the products they are offering.

TRAINING

After delivery, the supplier shall provide hands on training for State personnel. Training shall consist of proper use and maintenance of the entire unit and all its components and shall be performed by a qualified instructor on all systems of the unit.

MANUALS

At the time of delivery, the following manuals shall be provided with each vehicle:

- A minimum of one (1) vehicle maintenance and parts manual
- A minimum of six (6) vehicle operator's manuals
- A minimum of one (1) engine and transmission manual

WARRANTY

Manufacturer's standard vehicle warranty starting from the date the vehicle is delivered and accepted shall be provided. Engine and transmission warranties shall be provided by their respective manufacturers. All warranty certificates and/or cards shall be supplied with each vehicle delivered.

Extended Warranty: yes

DEPARTMENT OF CORRECTIONS & REHABILITATION
INMATE SECURITY TRANSPORTATION VEHICLE
SPECIAL PROVISIONS

REQUIRED SPARE PARTS FOR EACH BUS

- Two (2) of each type of fuses
- Two (2) A/C belts
- Two (2) Fan blower belts
- One (1) Alternator with corresponding voltage regulator
- One (1) set of tire chains
- Twenty-four (24) bulbs for bus clearance marker lights
- Two (2) high beam headlights
- Two (2) low beam headlights

MINIMUM BIDDER QUALIFICATIONS

The supplier shall provide the following documentation with the bid or within five days of request by the State to demonstrate that they meet or exceed the requirements in this section.

The supplier shall provide evidence of compliance and possess a current final stage vehicle manufacturer's license and have two (2) previous consecutive years of documented experience in the fabrication of a bus shell as described in this specification. A minimum of three (3) customer references shall be provided. Customer references shall have operated individual bus units for at least 1,000,000 miles of routine daily commercial service. The bus used to demonstrate this design life shall be of comparable design to that offered for this solicitation.

The supplier shall provide evidence that they currently employ personnel who are skilled in the construction of this type of vehicle, and that they have the ability to manufacturer the completed units to the finish quality, critical tolerances and the delivery requirements that are proposed in this bid solicitation.

DRAWINGS

The supplier must provide a set of scaled sales drawings with the bid or within five days of request by the State. The drawings shall show the proposed interior configuration including inmate seating, lavatory, officer/driver seating and location of emergency exits. Generic drawings are not acceptable.

DEPARTMENT OF CORRECTIONS & REHABILITATION
INMATE SECURITY TRANSPORTATION VEHICLE
SPECIAL PROVISIONS

PRECONSTRUCTION CONFERENCE

Each year, a preconstruction conference shall be held at the Department of General Services, Procurement Division, 707 3rd Street, West Sacramento, CA between the body builder's representatives, construction Supervisor, at least one DGS Fleet Representative, at least one (1) Department of General Services (DGS) Procurement engineer and a minimum of (one) 1 Agency representative within 30 calendar days after formal award of the purchase order.

This conference shall be held prior to the start of any construction. The purpose of this meeting is to review the specifications and to resolve any questions concerning the specifications.

PRE-DELIVERY CHECK LIST

Prior to delivery, each 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.

DOCUMENTS

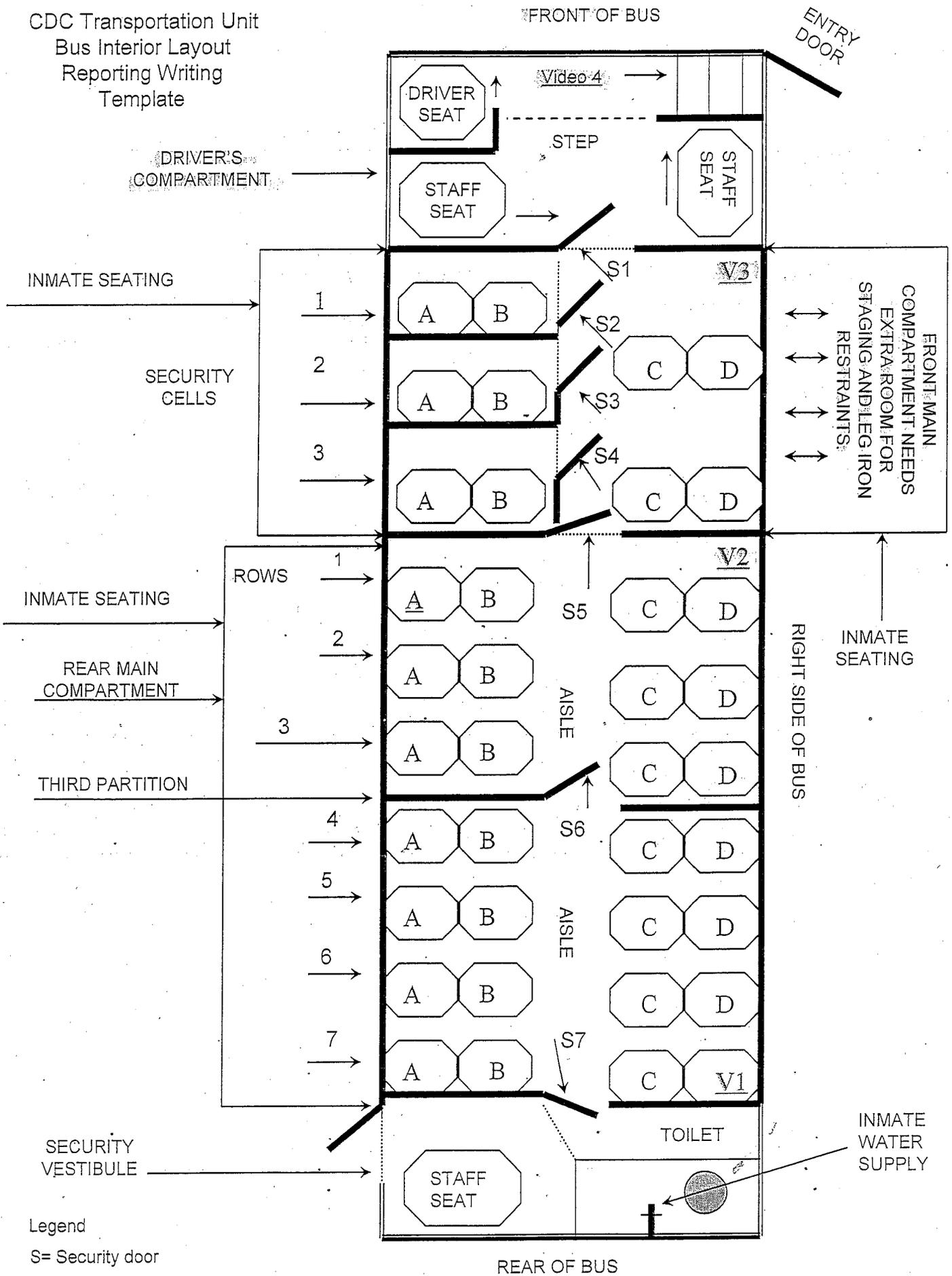
The following documents shall be delivered to the consignee (receiving agency) with the vehicle:

- Completed and Signed Pre-Delivery Inspection Checklist, including the P.O. Number and Vehicle I.D.
- "Line Set Tickets" or "Window Sticker" showing all options installed.
- "Manufacturer's Certificate of Origin"
- Upon delivery of each bus, (for registration purposes) the supplier must provide a "Certified Weight Certificate" showing total "Tare" weight for each bus that is delivered.
- Registration for each completed bus with the California Department of Motor Vehicles (DMV) shall be completed by the California Department of Corrections and Rehabilitation (CDCR) after the final bus acceptance.

RECEIVING INSPECTION

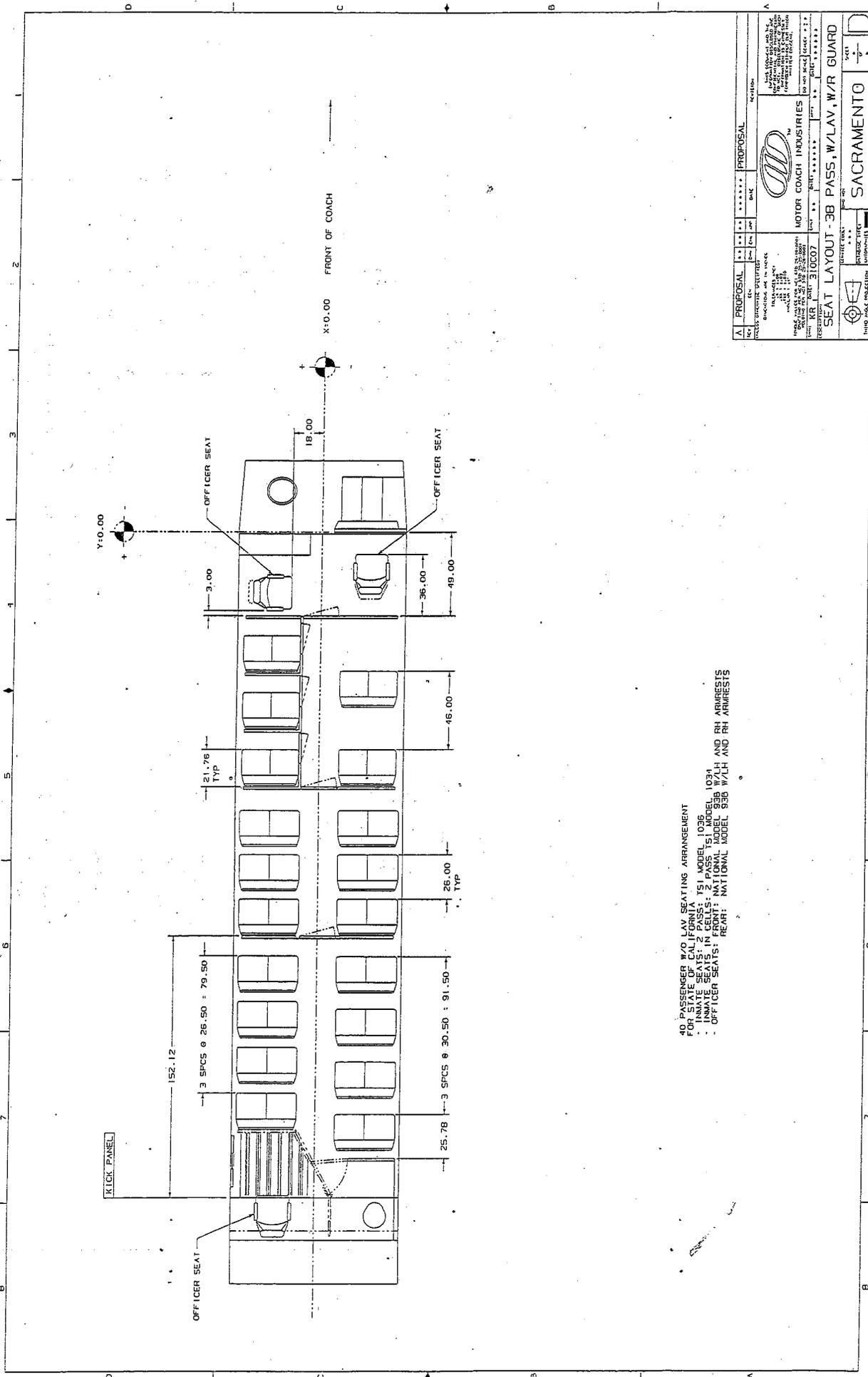
Vehicles ordered for State use will be inspected by State inspector(s) at the State's facility. Inspection will commence within five (5) working days of delivery to the State's facility. Inspection will include: specification compliance, workmanship, appearance and proper operation of all equipment and systems and that all documents are present. In the event deficiencies are detected, the vehicle will be rejected and the delivering dealer will be required to make the necessary repairs, adjustments or replacements. Payment will not be made until the defects are corrected and the vehicle is re-inspected and accepted. The contractor shall

CDC Transportation Unit
 Bus Interior Layout
 Reporting Writing
 Template



Legend

S= Security door



40 PASSENGER W/O LAV SEATING ARRANGEMENT
 FOR THE CALIFORNIA TSI MODEL 1036
 INMATE SEATS IN CELLS: 2 PASS TSI MODEL 1034
 INMATE SEATS: NATIONAL MODEL 93B W/LH AND RH ARMRESTS
 OFFICER SEATS: FRONT: NATIONAL MODEL 93B W/LH AND RH ARMRESTS

A	PROPOSAL	DATE	BY	CHKD	DATE	BY	CHKD	DATE	BY	CHKD
	PROPOSAL	DATE	BY	CHKD	DATE	BY	CHKD	DATE	BY	CHKD
MOTOR COACH INDUSTRIES 10000 W. 10TH AVENUE DENVER, CO 80231-1000 TEL: 303-751-1000 FAX: 303-751-1001 WWW.MCI.COM										
SEAT LAYOUT - 3B PASS, W/LAV, W/R GUARD SACRAMENTO										