



**STATE OF CALIFORNIA
 BID SPECIFICATION
 SPORT UTILITY VEHICLE, 4x4, UNDER 10,000 LB.**

2320-1346 R2

1 SCOPE

This specification covers the State of California minimum requirements for four-wheel drive, 4-door, fully enclosed, sport utility vehicles having a Gross Vehicle Weight Rating (GVWR) less than 10,000-lbs. These vehicles will be primarily used to transport people and cargo in the State of California on all types of roads, and road surfaces, and at altitudes ranging from below sea level to 10,000 feet above sea level. Vehicles shall be designed to operate under typical ambient temperatures and weather conditions encountered in the State.

2 CLASSIFICATION

Sport utility vehicles shall be grouped as follows: The classifications used are consistent with those published by the U.S. Environmental Protection Agency. Vehicles offered must meet or exceed these table values as established by group.

Sport Utility (4x4)	Group I (Small)	Group II (Mid Size)	Group III (Full Size)
Wheelbase	103"	108"	116"
Seating Capacity	4	5	5
Engine: # Cylinders	4	6	8
Curb Weight	3,300-lb.	4,000-lb.	5,000-lb.
GVWR	4,450-lb.	5,400-lb.	6,500-lb.
Towing Package	No	No	Yes

3 SPECIFICATIONS AND STANDARDS

Specifications and standards referenced in this document in effect on the opening of the Request for Proposal form a part of this specification where referenced. Each vehicle delivered shall be fully compliant with all Federal and State regulations for sport utility vehicles in effect as of the date of manufacture.

- 3.1 SAFETY:** Each vehicle delivered shall conform to the Federal Motor Vehicle Safety Standards (FMVSS) and the California Vehicle Code (CVC) requirements for sport utility vehicles in effect as of the date of manufacture.
- 3.2 EMISSION CONTROL:** The engine shall be California Air Resource Board (CARB) certified to operate on-highway in the State of California at the time of manufacture and meet or exceed California's Ultra-Low Emission Vehicle II (ULEV II) standards for exhaust emissions (13 Cal. Code Regs. 1961).

4 REQUIREMENTS

4.1 GENERAL REQUIREMENTS: Each vehicle shall be new (unused), current production or as specified at the Request for Proposal line item description. 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 Request for Proposal. Optional equipment necessary to meet the minimum requirements of this specification shall be installed.

Navigation systems, satellite radio systems, and entertainment/communication/cell phone systems offered as standard equipment by the manufacturer are not required and may be deleted (e.g. Onstar).

- 4.2 ENGINE:** The engine shall be designed to operate on regular (87 octane) gasoline.
- 4.3 COOLING:** The cooling system shall be a liquid pressurized, forced circulation type. A coolant recovery system shall be furnished. The cooling systems shall provide protection from ambient temperatures ranging from 0°F to 120°F.

4.4 ELECTRICAL EQUIPMENT: Each vehicle shall be equipped with a heavy-duty 12-volt electrical system specifically designed to handle the load requirements of the vehicle equipped with the specified options.

4.5 TRANSMISSION/DRIVELINE: Each vehicle shall be equipped with the manufacturer's standard automatic-overdrive type transmission and shall include the manufacturer's standard transmission cooler. Vehicles equipped with a continuously variable transmission (CVT) will be acceptable.

Each vehicle shall be equipped with either manual or automatic locking front wheel hubs or be equipped with all-time all-wheel-drive. Vehicles in group II and group III shall also be equipped with the manufacturer's standard transfer case with manual or automatic engagement to provide power transfer to the front and rear wheels.

4.6 STEERING: Each vehicle shall be equipped with the manufacturer's standard power assisted steering.

4.7 BRAKES: Each vehicle shall be equipped with the manufacturer's standard power assisted service brakes with a four-wheel, electronic controlled, anti lock brake system (ABS).

4.8 WHEELS/TIRES: Each vehicle shall be equipped with the OEM's standard tubeless type radial tires mounted on OEM approved rims. Tires shall be the OEM's recommended tread design for the type vehicle ordered. As a minimum, all tires shall be the all-season tread design and labeled for Mud and Snow (M/S) service. All "on ground" tires and wheels shall be identical (i.e. no cross brands or models). Vehicles in Group II and III (Mid-size and Full-size) shall be equipped with a full-size spare tire and wheel mounted and secured on a production-type carrier. Vehicles in Group I (small) shall be equipped with either a full-size or a space-saver spare tire and wheel.

Wheel weights shall contain no more than 0.1 percent lead by weight (Health and Safety Code Section 25215.6).

4.9 AXLES/SPRINGS/FRAME: Adequate for rated GVWR and towing capacity

4.10 TRAILER-TOWING PACKAGE OPTION: A trailer-towing package may be ordered by the agency for any of the specified vehicle groups. Vehicles equipped with a trailer-towing package shall include a frame mounted, 2-inch receiver type hitch and a 7-wire, trailer electrical harness. The hitch shall be rated as a minimum SAE class II for small (Group I) utility vehicles and SAE class III for mid-size and full size, (Group II & Group III) utility vehicles. A receiver insert, ball, and trailer electrical plug are not required.

If the vehicle is equipped with a trailer-towing package, the vehicle shall be equipped with the maximum cooling system available from the manufacturer and include a transmission cooler.

4.11 FOUR WHEEL DRIVE EQUIPMENT: Vehicles offered in Group II and III shall include limited slip rear differential or electronic traction control. Vehicles offered in Group III shall include front tow hooks.

4.12 AIR CONDITIONING: Each vehicle shall be equipped with the manufacturer's standard, factory installed, CFC free, dehumidifying/all weather air-conditioner.

4.13 BODY/CAB: The vehicle shall be the 4-door, fully enclosed, sport utility type body with manufacturer's standard rear hinged door(s), single lift up hatch type door or gate.

Front seats shall be high-back bucket style with integral head restraints. All seats shall have head restraints. A second row, bench style or split bench style seat is required for all groups.

4.14 EXTERIOR COLOR: The exterior color shall be selected from the manufacturer's published listing of factory available colors. The agency will identify the paint color and scheme on the purchase order. If the exterior color is not specified, the default color shall be white.

4.15 INTERIOR/SEAT UPHOLSTERY: Seat upholstery shall be all cloth. The interior color shall be the manufacturer's standard color supplied with the exterior color specified.

4.16 MISCELLANEOUS EQUIPMENT: The following items, supplementing if necessary those items already cataloged as standard equipment, shall be furnished and in place:

- Multi-speed fresh air ventilator with heater and windshield defogger system
- Seat belts for all seating positions
- Full floor covering
- Sun visors for both driver and passenger positions

- Dome light, activated by each door
- Inside hood release
- Right and left side exterior rear view mirrors shall be manufacturer's standard
- Rear window defroster
- Manufacturer's standard AM/FM radio with antenna
- Two speed and intermittent windshield wipers; windshield washer
- Tilt steering wheel
- Inside rearview mirror, day/night
- 12-Volt DC power outlet in front compartment
- Cruise Control
- Standard tool kit including wheel-changing tools and jack adequate to safely lift the vehicle when loaded to rated capacity