

Document Summary

Detail Type	Detail
Event ID	0000007609
Commodity	Fleet Vehicles
Exhibit	8.19
Group-Class	23-10, 23-20, 23-23
Bid Specification	2310-4181
Revision Level	A
Revision Date	November 7, 2017
Agency Name	Statewide

Revision History

Bid Spec	Rev Level	Revision Date	Author	Summary of Changes
2310-3281	A	Oct. 30, 2015	Wriston, M.	Bid development
2310-4181	A	Nov. 7, 2017	Wriston, M.	Bid development

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1.0 SCOPE

This specification establishes the minimum requirements for the State of California Fleet Vehicles. These vehicles will be used on highways, city/county roads and shall be designed to operate under typical ambient temperatures (which can range from 10° to 120° F).

2.0 APPLICABLE LAWS and INDUSTRY 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 vehicles in effect as of the date of manufacture.

2.1 LAWS and REGULATIONS

2.1.1 BRAKES

All motor vehicle brake friction materials must meet the requirements as identified in Health and Safety Code (HSC) Section 25250.51

2.2 INDUSTRY STANDARDS

2.2.1 SAFETY

Each vehicle delivered shall conform to the Federal Motor Vehicle Safety Standards (FMVSS) and the California Vehicle Code (CVC) requirements in effect as of the date of manufacture.

2.2.2 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. Any motor vehicle rated at 8,500 pounds GVWR or less which has a vehicle curb weight of 6,000 pounds or less shall meet or exceed California's Ultra-Low Emission Vehicle II (ULEV II) standards for exhaust emissions (13 California Code of Regulations (CCR) 1961).

2.3 DEFINITIONS

GVWR: Gross Vehicle Weight Rating

CA: Cab to axle

WB: Wheelbase

4x2: Two-wheel drive

4x4: Four-wheel drive

SUV: Sport utility vehicle

AWD: All-wheel drive

3.0 TECHNICAL REQUIREMENTS

3.1 PERFORMANCE (applies to all vehicles)

- 3.1.1 Each vehicle shall be new (unused), current production as specified in the solicitation at the line item description.
- 3.1.2 Vehicles bid must meet or exceed the requirements in the RFP line item description unless stated otherwise.
- 3.1.3 Each vehicle shall be supplied with all equipment and accessories indicated as standard equipment in the manufacturer's published literature (or web site).
- 3.1.4 Optional equipment necessary to meet the minimum requirements of this specification shall be included.
- 3.1.5 Vehicle classifications in this specification or at the line item description are consistent with the U.S. Environmental Protection Agency (EPA) and U.S. Department of Energy (DOE) [Fuel Economy Guide](#).
- 3.1.6 Vehicles shall be evaluated to ensure that they are listed in the proper class in the Fuel Economy Guide that matches the line item description, with the following exceptions:
 - Sport utility vehicles and passenger vans with a GVWR of more than 10,000 pounds.
 - Other vehicles with a GVWR of 8,500 pounds or more.
 - Special Purpose Vehicles shall be included in the evaluations in the most appropriate category for each vehicle.
- 3.1.7 The following items (supplementing if necessary those items already cataloged as standard equipment) shall be furnished:
 - Air Conditioning
 - Automatic Transmission
 - AM/FM Radio
 - Original Equipment Manufacturer (OEM) floor mat sets installed in all seating rows where the vehicle comes with carpeted floors.
 - If available as standard or optional equipment, all vehicles with a GVWR under 10,000 pounds shall include a mounted spare tire and wheel changing tools (if a full size spare is available, then it shall be included).
- 3.1.8 Wheel weights shall contain no more than 0.1 percent lead by weight (HSC §25215.6).
- 3.1.9 Exterior shall be painted with a solar reflective color (white, silver metallic or gold metallic) per Management Memo 12-03 (exceptions are listed in the memo).

3.2 FUEL TYPES

Specific fuel requirements for each vehicle are found at the line item description in the bid and may include any of the following types:

- Gasoline (maximum 87 octane)
- Diesel
- Flexible Fuel Vehicles (FFV) also called Ethanol or E85
- Compressed Natural Gas (CNG): CNG systems must be OEM or OEM approved
- Hybrid-Electric Vehicles (HEV)
- Plug-in Hybrid Electric Vehicles (PHEV)
- Electric Vehicles (EV) also called Battery Electric Vehicles (BEV)
- Fuel Cell Vehicles (FCV)

3.3 CARS

3.3.1 Car line items that call for a 5-door hatchback require a rear door that provides access to a cargo area.

3.3.2 Car line items that call for 4-Doors require a locking trunk that conceals the cargo from view from the outside of the vehicle (a 5-door "hatchback" will not be accepted).

3.4 VANS

Vans that call for "High Ceiling" require at least 76 inches of interior height from floor to ceiling.

3.5 SUVs

3.5.1 All SUVs shall come equipped with a hard top roof.

3.5.2 SUVs that call for a minimum cargo volume refers to the cargo volume behind the first row of seats.

3.5.3 SUVs that call for "4x4 Off-Road" require a limited slip or locking rear differential and meet the minimum requirement for ground clearance listed in the line item description.

3.6 TRUCKS

3.6.1 Trucks with a GVWR of more than 26,000 pounds shall come equipped with air brakes.

3.6.2 The RFP line item description shall specify the cab configuration which is defined as follows:

- Regular: Equipped with two doors and seating for two to three passengers.
- Extra: Equipped with three to four doors and seating for four to five passengers (rear doors are typically less than full size).
- Crew: Equipped with four full-size doors with center post that can open independently, allow egress of the rear passengers without disturbing the front passenger/driver and seating for five to six passengers.