

1. SCOPE

This document establishes the requirements and specifications for vehicles for the California Department of General Services Office of Fleet and Asset Management (OFAM).

The State of California, Department of General Services, Procurement Division (DGS PD) is responsible for the implementation of Environmentally Preferable Purchasing (EPP) as mandated by the California Public Contract Code (PCC), Chapter 6, Sections 12400-12404, and supported by the Governor’s Executive Order S-20-04.

The law requires “the procurement or acquisition of goods and services that have a lesser or reduced effect on human health and the environment when compared with competing goods and services that serve the same purpose”. The procurement process must consider, to the extent feasible, the product’s associated impacts from the product’s raw materials acquisition, production, manufacturing, packaging, distribution, reuse, operation, maintenance, disposal, energy efficiency, product performance, durability, and safety as well as the needs of the purchaser, and cost. Bidders are to complete an environmental disclosure for evaluating the impacts of these considerations.

By signing the Completed Bid Response form, the bidder is certifying that the products or services offered under this solicitation comply with the Federal Trade Commission’s Guidelines for the Use of Environmental Marketing Terms (PCC section 12404).

2. APPLICABLE SPECIFICATIONS / STANDARDS

- 2.1 Specifications and standards referenced in this document are in effect at time of bid opening and during the life of the contract.
- 2.2 Bidder shall comply with requirements of following specifications, standards and codes as they apply:
 - 2.2.1 California Department of General Services Specification 2310-1344 Gasoline Automobiles
 - 2.2.2 California Department of General Services Specification 2311-1349 for Hybrid Vehicles
 - 2.2.3 California Department of General Services Specification 2320-1343 for Truck, Pickup Body
 - 2.2.4 California Department of General Services Specification 2320-1345 for Passenger and Cargo Vans
 - 2.2.5 California Department of General Services Specification 2320-1346 R2 for Sport Utility Vehicles
 - 2.2.6 California Department of General Services Specification 2320-1347 Truck, Light Duty CC
 - 2.2.7 California Department of General Services Specification 2320-1400 R1 Truck, Medium-Heavy Duty CC
 - 2.2.8 California Department of General Services Specification 2322-1348 Alternative Fuel Vehicles
 - 2.2.9 Society of Automotive Engineers (SAE) Standard J 578: Color Specification
 - 2.2.10 California Code of Regulations, Title 8, section 5194 - Hazard Communication

3. CERTIFICATIONS

- 3.1 California Department of Resource and Conservation State Agency Buy Recycle Campaign (SABRC) Certification
- 3.2 Environmental Disclosure
- 3.3 TÜV Rheinland TOX PROOF Certification
- 3.4 California Air Resources Board Air Cleaner Certification

4. REQUIREMENTS

All products offered must conform to applicable sections of the State of California, Department of Transportation Standard Specifications, 2006. Only the Brands/Models tested and approved for use on California Highways will be accepted. Manufacturers with new products must submit test data to the Department of Transportation

4.1 ENVIRONMENTAL DISCLOSURE

Bidders are to disclose their level of commitment to protecting the health and safety of humans and the environment by completing an Environmental Disclosure. The Environmental Disclosure shall be furnished under penalty of perjury. It addresses manufacturing practices and materials used in the production of the product bid. The Environmental Disclosure covers dealers' participation in environmental programs, additional vehicle safety and sustainability features including State Agency Buy Recycled Campaign (SABRC) reporting requirements and manufacturing environmental activities

4.2 SABRC

State agencies are required to report purchases containing post consumer recycle content. The program is monitored by the California Department of Resources Recycling and Recovery (CalRecycle) and requires manufacturers to certify in writing the percent of recycle content in the commodity offered. Manufacturer's or third party certification of the recycled and/or post-consumer recycled content of the vehicle, includes, but is not limited to, the content of the body, frame, drive train, glass, rubber, and interior. Bidders are to record this information in Part II, section 16 through 19 of the Environmental Disclosure and attach Manufacturer's or third party certificate.

Definition of Recycled, Post-Consumer Recycled content and fiberglass:

Post-consumer Content (PC) – Post-consumer is defined as material that comes from products that were bought by consumers, used, and then diverted from the waste stream through a collection programs or effort to prevent materials from being landfilled. For example, a newspaper that has been purchased and read, and recycled, and used to make another product would be considered post-consumer material.

Recycled Content (RC) - Recycled content is defined as fragments of finished products of a manufacturing or agricultural process. Recycled material is also referred to as post-industrial, pre-

consumer, and/or secondary material. It does not include post-consumer material. Examples of recycled material include paper trimmed from an oversized roll in the printing plant and a rough edge trimmed from a molded plastic product. These excess materials are recycled prior to the finished product reaching a consumer. Therefore, that material would be considered recycled material.

Recyclable Material – Recyclable material is defined as a product that can be used as an ingredient in another manufactured process to create another product. Examples of recyclable materials include aluminum, corrugated cardboard, plastics, paper and glass.

Reuse/ Reusable Material – Reuse/ reusable material is defined as a product that is used again for the same original purpose or other purpose without alteration to the product. Products that have been reused for their intended purpose are considered to contain 100% post-consumer content. Examples of reuse/ reusable material are vehicle core times that have been returned for refurbishing (i.e. alternators, starters, etc.) Another example is the use of original packaging materials to repackage goods for shipping and/or refilling a container to store that same or alternative material.

Fiberglass – Post-consumer glass cullet content (within the fiberglass) is defined as a glass container that has been filled with a beverage or food product, sold to the public, and returned by the consumer as recycled glass.

CALCULATION:

Percentages of PC and RC– For each material type (glass, metal and plastic) contained in the vehicle shall be calculated as a percentage of the Total (T) gross vehicle weight using the following formula:

Percentage of RC Product Content for material A (glass) = $[(RC/T)a] \times 100 = RCa$ Percentage of PC Product Content for material A (glass) = $[(PC/T)a] \times 100 = PCa$

Where: PCa = % PC glass contained in the entire vehicle

RCa = % of post-industrial, pre-consumer, and/or secondary material content in entire vehicle

T = Total weight of all material used in the vehicle (body, frame, drive train, glass, rubber, and interior).

4.3 INDOOR AIR QUALITY (IAQ)

4.3.1 Test Chamber

The Bidder to submit manufacturer's or third party certification specifying the indoor air quality of the vehicle, including levels of volatile organic compounds (VOC), formaldehyde, polybrominated diphenyl ethers (PDBEs), and phthalates. The protocols used, to the greatest extent possible, shall be standardized industry-accepted procedures for analytical testing including test chamber conditions, specimen acquisition and handling, and conditioning, models, and parameters.

The automotive interior products Total VOC (**TVOC**) shall be less than 0.2 micrograms per cubic meter (mg/m³), measured using American Standardized Test Methods (ASTM) D5116

or VDA 276 (European ECA Report #8), and performed by a facility that is ISO 17025 accredited. Testing shall be conducted after the vehicle is assembled and ready for sale but before the vehicle is shipped to the dealership or a representative sample of a 2011 vehicle make/model can be tested and results applied to the entire vehicle make/model. A representative sample shall be a minimum of 10 vehicles; each vehicle must be from a separate lot. The highest value in the range of test values will be reported as the representative Total VOC of the vehicle make/model.

Bidder to list vehicles, include vehicle description and bid line item for those makes/models meeting the TVOC specifications as identified in this section.

4.3.1 TOX PROOF

The Bidder to submit TÜV Rheinland TOX PROOF certification for the interior passenger compartment textiles verifying the vehicles textiles have been tested by a TUVus or cTUVus certified lab and meets TOXPROOF standard.

List of TUVus and cTUVus certified testing facility can be found at [TÜV Rheinland](#)

4.3.1 Air Filtering Devices

The Bidder to offer vehicle air cleaning device(s) limiting allergens of dust mite, pollen, dander, chlorine, fungal, pollutants and ozone levels within the interior passenger compartment. Air cleaning devices must include California Air Resources Board Air Cleaner Certification and include options for filters rated medium and high efficiency. Air cleaning devices are considered an optional item for the purchaser. List of available air cleaning devices including part number, description, type(s) of efficiency and vehicle line item shall be submitted at time of bid.

4.4 WINDOW GLAZING

The Bidder to submit manufacturer's or third party certification specifying the reflectivity of each vehicle make/model window glazing, as determined by ISO 13837. Window glazing offered shall have reflective properties of the vehicle's glass where windshield glass has a 50% maximum total solar transmission (Tts). Side and back window vision glass are a maximum of 60% (Tts) and non-vision glass/ privacy glass 40% maximum Tts. Vehicles with glazing meeting less than this value may not be offered/substituted when bidder agrees to meet these requirements for a specific bid line item.

4.5 ENVIRONMENTAL MANAGEMENT SYSTEM (EMS)

Bidder to offer verifiable documentation that the manufacturer has implemented an Environmental Management System (EMS) that meets the following requirements:

- Includes a formal environmental and/or sustainability policy
- Has set measurable goals in at least three areas such as pollution prevention, water conservation, energy conservation, or recycling. Reduction of greenhouse gas emissions is not a qualifying goal for this requirement.
- Includes regular assessment of corporate environmental performance documenting progress towards listed goals
- Has met or exceeded planned progress to date for 1 or more goals listed'Includes ISO 14001 third-party certification.

4.6 QUALITY MANAGEMENT SYSTEM FOR AUTO MANUFACTURERS

The Bidder may offer verifiable documentation that the manufacturer has implemented a Quality Management System for Auto Manufacturers meeting ISO/TS 16949 standard. Third-party certification is required and must be submitted at time of bid for credit.