

INCH - POUND

A-A-58031

30 SEPT 94

SUPERSEDING

MIL-V-87991 (84)

COMMERCIAL ITEM DESCRIPTION

VAN, MULTI-PURPOSE MORTUARY SERVICE: COMMERCIAL

This commercial item description is approved for use by the US Air Force, and is available for use by all Departments and Agencies of the Department of Defense.

1. SCOPE.

This Commercial Item Description describes a commercial, gasoline engine powered, multi-purpose funeral service vehicle utilizing a commercial van chassis with full window body.

2. CLASSIFICATION. The van shall be one of the following types:

Type I - Full size standard van, two rear wheel driven

Type II - Mini-size van, two front or two rear wheel driven

3. SALIENT CHARACTERISTICS:

a. Curb weight. The vehicle fully equipped with a full compartment of fuel, lubricants and coolant shall weigh not less than that specified below. The weight shall include all standard equipment and accessories required by this document.

Type I - 4300 pounds

Type II - 2800 pounds

Beneficial comments, recommendations, additions, deletions, clarifications, etc, and any data which may improve this document should be sent to: WR-ALC/LVRG, 225 Ocmulgee Court, Robins AFB GA 31098-1647

AMSC N/A

FSC 2320

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- b. Design. The vehicle shall meet or exceed the requirements of FED-STD-307, Item Number 21, Type II, Class C for full size van and Item number 20 or 20/XL, Type II, Class B for mini-van, except as specified herein. The Gross Vehicle Weight (GVW) shall be the vehicle curb weight plus the total number of passengers shown in the following paragraph 2.p, at 175 pounds each.
- c. Performance. The vehicle shall be capable of transporting the rated payload at a continuous speed of not less than 55 miles per hour (MPH) on level pavement. The vehicle shall also be capable of accelerating from a standing start to 55 MPH in not more than 20 seconds on level pavement while transporting the rated payload.
- d. Engine. The Type I shall have not less than 8 cylinders, and the Type II not less than 6 cylinders. The vehicle shall comply with EPA regulations governing Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines in effect on the date of manufacture.
- e. Engine cooling system. A heavy duty cooling system shall be provided. The coolant shall be maintained at a temperature below the boiling point when the vehicle is operated in a fully loaded condition at an altitude of 10,000 feet above sea level, and in an ambient temperature of not less than 125 degrees Fahrenheit (F) during normal driving conditions and for at least one hour of engine idling with the air conditioning system operating.
- f. Electromagnetic interference. The entire vehicle shall be suppressed to limit electromagnetic radiation in accordance with SAE J551. Suppressers where used, shall conform to SAE J552.
- g. Transmission. An automatic transmission, with a transmission cooler, shall be provided.
- h. Electrical system. The electrical system shall be 12 volts. The entire vehicle electrical loads operating simultaneously under all conditions of vehicle operation including prolonged periods of normal engine idle without discharge from the battery. The alternator shall be of sufficient capacity to satisfy this requirement, but in no case shall alternator capacity be less than 50 ampere peak output, or less than 30 ampere output at normal engine idle speed.

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- i. Steering. Power steering shall be provided.
- j. Service brakes. Power assisted service brakes shall be provided.
- k. Suspension. Hydraulic, double-acting shock absorbers shall be furnished on the front and rear axles.
- l. Dimensions. The vehicle in fully operational condition, including all equipment and accessories, shall be as followings:
 - a. Length: Type I - at least 206 inches bumper to bumper.
Type II - at least 198 inches bumper to bumper.
 - b. Width (except for mirrors and their brackets): Chassis manufacturer's standard for full window van.
 - c. Height: Chassis manufacturer's standard for full window van.
- m. Wheelbase. The Type I shall be not less than 125 inches, nor greater than 140 inches. The Type II shall be not less than 109 inches, nor more than 120 inches.
- n. Seats. All seats, except for the rearmost seat, shall be the manufacturer's deluxe conversion package high-back adjustable bucket type seats. The individual seats shall also have folding armrests and shall swivel 360 degrees. The rear seat shall be the couch type. All seats except the 2 front seats, shall be quickly and easily removed. The Type I shall provide seating for at least 9 passengers. The Type II shall provide seating for at least 7 passengers.
- o. Doors. A door shall be provided for the driver, front seat passenger, a sliding side door on the curb side of the passenger/casket compartment, and rear door(s). The rear door(s) shall be either one or two doors that shall permit unhampered loading and unloading of the casket or cots. The door(s) shall be able to be unlocked and opened from both the inside and outside. The rear door openings shall have the minimum following sizes:
 - Type I - Height shall be the manufacturer's standard for a full window van
The width shall be the manufacture's standard for a full window van, but not less than 52 inches.

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Type II - Height: 39 inches.

Width: 50 inches.

p. Windows and door locks. Power windows and power door locks shall be provided.

q. Wipers and washers. Wipers shall have at least 2 speeds. The manufacturer's standard windshield washer shall be provided.

r. Wheels and tires. Steel belted radial, tubeless tires with highway treads shall be provided. A spare wheel and tire assembly shall be provided, mounted and concealed within the vehicle body. The location of the spare tire assembly shall neither interfere with the function of the vehicle nor necessitate moving the casket when removal of the spare tire is required.

s. Tools. Tools necessary to change a tire, including at least a jack, handle, and wheel lug nut wrench shall be provided.

t. Rustproofing. The vehicle shall be rustproofed in accordance with the manufacturer's standard commercial practice, unless otherwise required, when rustproofing shall be in accordance with FED-STD-297 for tropical rustproofing (see paragraph.8, "Notes").

u. Passenger compartment heating and cooling. The manufacturer's standard, or if available, the optional, heavy-duty heating and air conditioning systems shall be provided, except the air conditioning system shall use no Class 1 ozone depleting substance (ODS).

v. Casket/passenger compartment. With the passenger seats removed, the casket/passenger compartment shall be of a size and arrangement adequate for the transportation, loading and unloading through the rear door(s) of a casket case having a maximum gross weight, including weight of the deceased, of 600 pounds or two side by side mortuary cots with remains with a maximum weight of 300 pounds each. The manufacturer's standard or optional tiedowns shall be provided for both mortuary cots. The compartment length (from rear of driver's seat to rearmost position to the rear of body at the floor) shall be not less than that listed below. The height shall be not less than the chassis manufacturer's standard full window van height and the minimum distance between the wheel

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housings shall be not less than 48 inches. The interior shall be of currently available materials with all accessories and decoration matching or compatible colors.

Type I - 113 inches

Type II - 104 inches

w. Floor. The floor in the casket/passenger compartment shall be essentially flat and unobstructed. The floor covering shall be current production carpet material.

x. Interior lighting. At least two casket/passenger compartment lights that are the shrouded, indirect type, that operate when any door is opened shall be provided. Dual flood lamps shall be mounted adjacent to the rear and side sliding doors. These floodlamps shall operate when the rear or sliding door is open.

y. Casket rack. A casket table and rollers for rear loading shall be provided. Locking devices shall be provided for properly positioning and holding the casket case or casket in fully extended position at the rear door for loading or off-loading and in retracted position while being transported. The casket rack shall be constructed of chrome plated or stainless steel and shall be capable of supporting a casket case having a maximum gross weight of 600 pounds including weight of the deceased.

z. Casket roller board. The manufacturer's standard commercial roller board with chrome adjustable restraints for casket loading and off-loading shall be provided. The roller board carpet shall match the carpet on the casket/passenger compartment floor. The roller board shall be capable of being easily installed and removed. If tools are required for removal or installation of the roller board, such tools shall be provided for each vehicle.

aa. Removable window panels. If required (see paragraph 8, "Notes"), the Type II shall be provided with the manufacturer's standard commercial removable window panels with landau bars for the rearmost side windows. The exterior panel colors shall match the vehicle's exterior color, and the panel's interior color shall match the vehicle's interior color. Panels shall be capable of

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being easily installed and removed and shall be resistant to damage from the elements and from usage.

bb. Draperies. Draperies and venetian blinds shall be provided for all side and rear windows of the casket/passenger compartment. These draperies and venetian blinds shall be capable of being easily removed and reinstalled, and their color shall be the same as, or complimentary to, the van's interior.

cc. Radio. The chassis manufacturer's standard, or optional, AM/FM stereo cassette sound system shall be provided.

dd. Casket table and bier pin set. If required (see paragraph 8, "Notes"), the manufacturer's standard or optional commercial casket table and bier pin set shall be provided.

ee. Finish. The exterior paint color shall be the chassis manufacturer's silver gray.

4. RECOVERED MATERIALS:

The successful contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practicable. However, used, rebuilt, or remanufactured components, pieces, and parts shall not be incorporated into the vehicle.

5. CONTRACTOR CERTIFICATION:

The contractor shall certify that the product offered meets the salient characteristics of this commercial item description and conforms to the producer's own drawings, specifications, and quality assurance practices. The Government reserves the right to require proof of such conformance prior to first delivery and therefore as may be otherwise provided for under the provisions of the contract.

6. COMMERCIAL:

The vehicle furnished shall be, as of the date of award, the latest model (with minor modifications, as that term is defined in DoD FAR Supplement 252.211-7012, Paragraph K-85 of the solicitation) of an established product previously produced and sold in substantial commercial quantities (exceeding the criteria at FAR 15.804-3(f)(2)(ii)(A)) for at least one year. The vehicle furnished, or earlier models of it, absent minor modifications, shall have routinely been

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supported with spare/repair parts which were produced or sold in the normal course of business. At the time of delivery, the contractor shall furnish the Administrative Contracting Officer with verification of compliance with these requirements. Offers shall provide, as part of their proposals, the following information on the vehicle (or its earlier models) being offered as a commercial item:

(1) Total sales to the U.S. Government or to contractors for U.S. Government use during the previous one year period.

(2) Total sale of the item to the general public during the three years.

(3) Length of time the item has been sold in the commercial market place.

(4) Other pertinent information necessary to determine that the item is an established commercial item.

7. PACKAGING, PACKING, AND MARKING:

Unless otherwise specified in the contract, the vehicle shall be prepared for delivery by common carrier and shall provide for protection against loss or damage while in transit. A permanently marked identification plate, shall be securely mounted at the driver's compartment. The plate shall contain the following information: .

NOMENCLATURE

MANUFACTURER'S MODEL NUMBER

MANUFACTURER'S SERIAL NUMBER

MANUFACTURER'S NAME

MANUFACTURER'S ADDRESS

MANUFACTURER'S SERVICE PHONE NUMBER

DATE OF MANUFACTURE

CONTRACT NUMBER

NATIONAL STOCK NUMBER

REGISTRATION NUMBER

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8. OZONE DEPLETING SUBSTANCE:

No Class 1 ozone depleting substance (ODS) shall be used in the design, manufacture, test, operation, or maintenance of this vehicle. For this document, a Class 1 ODS is any of the following: CFC 11, CFC 12, CFC 13, CFC 111, through CFC 115, CFC 211 through CFC 217, Halon 1011, Halon 1202, Halon 1211, Halon 1301, Halon 2402, Carbon Tetrachloride, Methyl Chloroform, and Methyl Bromide.

9. NOTES:

The purchaser shall specify the following at time of purchase:

- a. If rustproofing in accordance with FED-STD-297 for tropical rustproofing is required.
- b. If removable window panels are required.
- c. If casket table and bier pin set is required.

CUSTODIAN:
AIR FORCE - 99 .

PREPARING ACTIVITY:
AIR FORCE - 84

PROJECT NUMBER:
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