

INCH-POUND

A-A-58043

17 May 95

COMMERCIAL ITEM DESCRIPTION

TRUCK, CURBSIDE RECYCLING, OVER THE TOP LOADING

The General Services Administration has authorized the use of this commercial item description by all federal agencies

1. Scope:

1.1 This Commercial Item Description (CID) describes a diesel engine driven commercial 34 cubic yard recycling truck utilized for the curbside collection of recyclables. The truck shall be equipped with curbside loading trough, compactor, and over the top loading system.

2. Salient Characteristics:

2.1 The recycling truck shall be an assembly of new materials and shall be free of defects in design and construction which affects appearance, serviceability or durability. The recycling truck shall conform to the more stringent of state or federal laws applicable to a vehicle of this class and type. All components of the recycling truck shall be represented in the manufacturer's commercial sales literature as standard or optional equipment. Failure of the recycling truck/vehicle to meet the following salient characteristics shall be cause for rejection of the offer.

2.1.1 Performance. The vehicle shall:

- a. Operate on paved and graded gravel roads.
- b. Maintain a minimum speed of 55 MPH on a level, paved surface.

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AMSC N/A

FSC 2320

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c. Comply with all applicable requirements of the Federal Motor Carrier Safety Regulations (49 CFR 393) and Federal Motor Vehicle Safety Standards (49 CFR 571) for this class and type of vehicle

d. Operate in temperatures ranging from -20 ° F to +125 ° F.

2.1.2 Chassis:

a. The diesel engine shall have the power necessary to meet or exceed the performance requirements stated herein.

b. The automatic transmission shall have at least four forward speeds and one reverse. The transmission shall have a torque capacity adequate to transmit 100% of the full throttle net engine torque at any engine rpm which would be encountered under operating condition.

c. Provide a single alternator charging system. The minimum alternator system output, at idle, shall equal or exceed the total simultaneous operation of all electrical components.

d. Single front and dual rear tires and wheels shall be provided. Tubeless steel radial tires shall be mounted on hub piloted steel disc wheel assemblies. Tire and wheel assemblies shall be interchangeable at all positions.

e. The cab shall provide a side-by-side seating arrangement to accommodate a crew of not less than two operators.

f. The chassis shall be provided with front tow hooks and shall be equipped with air brakes.

2.1.3 Tilting Recycling/Storage Body:

a. The storage body shall be fully enclosed with a capacity of at least 34 cubic yards. A means shall be provided to determine, from the curbside, when the storage body is full.

b. The storage body shall be designed so that the body can be tilted a minimum of 45° for unloading. Each compartment shall discharge separately by tilting the storage body, opening the rear door and sequentially unlocking each compartment divider.

c. The hinged rear door/tailgate shall provide hydraulic and mechanical locking. The system shall prevent the opening or closing of the tailgate if system pressure is lost.

d. The storage body shall be provided with five removable internal swinging compartment dividers. The dividers shall be adjustable in at least one inch increments and

shall allow for easy actuation for dumping each compartment. The dividers shall swing freely when released and be equipped with access doors for inspection of each compartment.

e. The top loading roof of the storage body shall be designed to open automatically in conjunction with loading trough operation.

f. The storage body tilt and tailgate controls shall be located in the vehicle cab.

g. Strobe lights shall be provided at the rear corners of the storage body.

2.1.4 Loading System:

a. The truck shall be equipped with an over-the-top loading system capable of dumping recyclables into separate compartments of the storage body. The cycle time for the loading system shall not exceed 20 seconds.

b. A loading trough shall be provided along the right hand side of the storage body and shall provide a minimum volume of 1.5 cubic yards. The load height of the trough shall not exceed 48 inches from the ground. The trough shall be capable of being partitioned to correspond with the compartment dividers of the storage body so that separate materials are dumped into separate compartments. The trough shall be provided with five movable partitions.

c. The loading system control shall be installed on the curbside of the vehicle in a safe, accessible, and convenient location.

d. The loading system shall be designed to provide quiet operation in both upward and downward movement.

e. 90 gallon cart attachments shall be provided on the trough to allow for simultaneously dumping of carts.

2.1.5 Compactor:

a. A compactor shall be mounted on the vehicle to condense aluminum, plastics, or tin.

b. The compactor loading chamber shall hold a minimum of 30 non-compacted one gallon milk jugs. The loading chamber shall be accessible through an opening on the curbside and by a lever actuated top opening on the street side.

c. The compactor receiving compartment shall have a minimum capacity of 1 cubic yard. The receiving compartment shall have provisions to prevent the fall back of material into the loading chamber.

d. Discharge of the receiving compartment shall be achieved by cycling the compactor after opening the bottom hinged side discharge door.

e. The cycle time for the compactor shall not exceed 20 seconds.

2.1.6 Finish:

a. Exterior surfaces of the vehicle shall be primed and top-coated with a commercial polyurethane finish. The finish color shall be the manufacture's standard single color paint scheme.

b. All controls, valves, gauges and indicators used in the operation of the vehicle shall be identified by securely attached nameplates of such construction that exposure to oil, dirt, light, et cetera, will neither fade nor eradicate them.

3. Regulatory Requirements:

3.1 The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent possible.

3.1.1 For the purpose of this requirement, recovered materials are those materials which have been collected from solid waste and reprocessed to become a source of raw materials, as distinguished from virgin raw materials. The components, pieces and parts incorporated in the vehicle may be newly fabricated from recovered materials to the maximum extent practicable, provided the vehicle produced meets all other requirements of this CID. Used, rebuilt or remanufactured components, pieces and parts shall not be incorporated.

4. Contractor Certification:

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

5. Market Acceptability:

5.1 Commercial. The vehicle furnished must 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 commercially (exceeding the criteria at FAR 15.804-3(f) (2) (ii) (A)) for at least two years immediately preceding the

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issuance date of the solicitation. The vehicle furnished, or earlier models of it, absent minor modifications, shall have been supported with spares/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. Offerors 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 two years immediately preceding the solicitation issuance date.

(2) Total sale of the item to the general public during the two years immediately preceding the solicitation issuance date.

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

(4) Points of contact and phone numbers of customers to which the item has been sold in the commercial market place.

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

6. Packaging, Packing, and Marking:

Unless otherwise provided in the contract, the truck shall be prepared for delivery by common carrier. An identification plate, permanently marked, shall be securely mounted at the driver's compartment. The identification plate shall contain the following information:

NOMENCLATURE
MANUFACTURER'S MAKE AND MODEL
MANUFACTURER'S SERIAL NUMBER
REGISTRATION NUMBER
NATIONAL STOCK NUMBER (NSN)
VEHICLE CURB WEIGHT: kg(pounds)
PAYLOAD, MAXIMUM: kg(pounds)
GROSS VEHICLE WEIGHT (GVW): kg(pounds)
GROSS COMBINATION WEIGHT RATING: kg(pounds)
DATE OF DELIVERY (month and year)
WARRANTY (month and km(miles))
CONTRACT NUMBER
US PROPERTY

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7. Contractor Requirements:

7.1 The contractor shall provide at the time of delivery one set of commercial manuals, including operation, maintenance and parts with each truck delivered. The parts manuals shall list the contractor's component part numbers and the component and equipment manufacturer's part numbers, as applicable. Manuals shall be provided for review 30 days prior to delivery.

**CUSTODIAN:
AIR FORCE - 99**

**PREPARING ACTIVITY:
AIR FORCE - 84**

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