

CONTRACT W56HZV-04-D-B105
DATED 28 SEP 04
SOLICITATION W56HZV-04-R-S105

ATTACHMENT 001

CONTRACT SPECIFICATIONS FOR CLINS 1051AA and 1052AA

TRUCK, REFRIGERATED BLOOD BANK

The vehicle shall be provided with the following minimum equipment/capability:

STANDARD EQUIPMENT:

- Headlights
- Turn Signals
- Taillights
- Brake Lights
- Windshield Wipers
- Exterior Rearview Mirrors

RATINGS:

- Vehicle ratings shall be the manufacturer's published rating.
- Component ratings shall not be raised to meet requirements.
- All individual components, including engine, transmission, driveline, axles, suspension and tires shall be rated at the minimum gross vehicle weight rating (GVW).

ENGINE:

- Vehicle shall have a diesel engine capable of performing as specified herein on high sulfur content diesel fuel.

STEERING:

- Left hand drive.
- Power steering.

BRAKES:

- Service brake system with ABS, and parking brake.

ELECTRICAL SYSTEM:

- 12 or 24 volt system.

CAB:

- Cab shall be fully enclosed metal construction.
- Air conditioning and heating system shall be provided in accordance with Manufacturer's standards.
- Cab shall be equipped with temperature gauges and control for the three refrigerated compartments.

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REFRIGERATOR BODY DESCRIPTION:

- Payload capacity shall be 3500-4000 pounds.
- A separate power source will be provided besides the main engine to maintain the temperatures specified below for each compartment.
- Refrigeration equipment shall be capable of being powered by both the vehicle and an external 220 V 50 Hz power supply.

Refrigerator body divided into three compartments.

Compartment (1) size and equipment:

- Volume: 1350-1500 liters.
- Compartment shall be accessible.
- Refrigerated equipment shall be capable of maintaining an interior temperature range from +20 degree C to +23 degree C when ambient temperature is -23 degree C to +52 degree C.
- Shall have ceiling lights
- Shall be equipped with a heater to control the lower/freezing temperature of compartment.
- Shall be equipped with drainage portal.

Compartment (2) size and equipment:

- Volume: 1100-1250 liters.
- Compartment shall be accessible.
- Refrigerated equipment shall be capable of maintaining an interior temperature range from +2 degree C to +5 degree C when ambient temperature is -23 degree C to +52 degree C.
- Shall have ceiling lights.
- Shall be equipped with drainage portal.

Compartment (3) size and equipment:

- Volume: 1250-1350 liters.
- Compartment shall be accessible.
- Refrigerated equipment shall be capable of maintaining an interior temperature range from -29 degree C to -32 degree C when ambient temperature is -23 degree C to 52 degree C.
- Shall have ceiling lights
- Shall be equipped with drainage portal.

TIRES:

- Radial, all-weather tread.

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PERFORMANCE:

- Vehicle shall be capable of operating in temperatures ranging from -23 degrees C to 52 degrees C.
- Vehicle shall maintain a minimum speed of 89 kilometers per hour (kph) on a 2% grade while fully loaded.
- Vehicle shall brake to a stop within 10 meters from 32 kph while fully loaded.
- Parking brake shall hold the vehicle at GVW on a 30% longitudinal slope.

EQUIPMENT:

- 6 kg Fire Extinguisher
- Tool box with tire changing tools, warning triangles & lifting jack.

VEHICLE PAINT & FINISH:

- Vehicle exterior shall be white.