

## SPECIFICATION RT57-03-08-01

### CAGE REFUSE TRUCK FOR 5TON PAYLOAD TRUCK

A cage refuse body of robust construction, fitted on a tipper platform, is required. Body hinge shaft and brackets must be manufactured to close tolerance to ensure maximum stability. Wear resistant material should be used for all hinge shafts. The conversion complying to the following is required:

**1. DIMENSIONS:**

A minimum body length of 6,500mm and a width of 2,450mm and a height of 2,100mm is required.

Tenderers must offer the best body length to suit their chassis without chassis alterations and with a cab to body gap to manufacturers specification, not exceeding 400mm.

Particulars of offer: \_\_\_\_\_

**2. MATERIAL:**

Floor: Must be manufactured from mild steel of not less than 4.5mm.

Sides: Must be manufactured from 4.5mm mild steel and mesh grid not less than 3.0mm.

Doors: Must be manufactured from 4.5mm mild steel and mesh grid not less than 3.0mm.

Particulars of offer: \_\_\_\_\_

**3. SIDES:**

The bottom part, at least 560mm high, of the side must be manufactured from 4.5mm mild steel and the top part from 3.0mm mesh grid.

Particulars of offer: \_\_\_\_\_

**4. REAR DOORS**

Two half-width, full height, rear doors on sturdy hinges must be fitted to the rear end of the body. The bottom part, at least 560mm high, must be manufactured from 4.5mm mild steel and the top part from 3.0mm mesh grid.

The doors must be able to swing open around the corners, where they can be locked open along the side by sturdy catches.

Each door must be equipped with a three-way power brace locking device.

Particulars of offer: \_\_\_\_\_

**5. ROOF:**

The open roof shall be covered with a Tarpaulin cover that completely enclose the load box.

Particulars of offer: \_\_\_\_\_

**6. FLOOR:**

The floor shall be manufactured from mild steel plate of not less than 4.5mm thickness and shall be suitably reinforced to ensure that a flat floor surface is attained.

Particulars of offer: \_\_\_\_\_

**7. SUB-FRAME:**

The sub-frame cross bearers must be fabricated of not less than 100mm x 50mm rolled steel channels, at least 300mm centres, with additional support over hoist and wheel arches. The longitudinal runners must be not less than 152mm x 76 mm rolled steel channels.

Particulars of offer: \_\_\_\_\_

**8. TIPPING:**

A hydraulic hoist is required with a tipping angle of approximately 40°. Hydraulic controls should allow for tipping, lowering and keeping the tip body safely in any tipping position while the pump is running.

The hydraulic pump must be driven off the gearbox power take-off of the truck and must be pneumatically controlled from inside the cab.

A large red warning light must be fitted to the dash panel, in clear view of the driver, to indicate engagement of the power take-off.

A speed limiter must be fitted to disengage the PTO when exceeding the speed limit

Particulars of offer: \_\_\_\_\_

**9. REAR PANEL:**

A recessed rear panel manufactured from mild steel of not less than 2mm over the full width of the body to house a chevron, number plate and rear light assemblies is required.

The underrun protection, in accordance with SANS 1055:2007 specification, could be incorporated in the rear panel.

Particulars of offer: \_\_\_\_\_

**10. MUDGUARDS:**

Sturdy, firmly braced mudguards must be fitted behind the rear wheels.

Particulars of offer: \_\_\_\_\_

**11. FINISH:**

All metal shall be thoroughly cleaned and primed and painted with two coats of prime and good quality automotive enamel to match the departments colour spec.

Particulars of offer: \_\_\_\_\_

**12. PARTICULARS OF OFFER:**

A detailed sketch or full drawing of the body offered, showing all leading dimensions, must be submitted with tender.

Particulars of offer: \_\_\_\_\_