

## SPECIFICATION RT57-03-02-01

### 5.0m<sup>3</sup> TIPPER BODY FOR 8TON PAYLOAD TRUCK

A heavy duty tip body of 5.0m<sup>3</sup> struck capacity with sturdy dropsides, a tailgate and fixed corner posts, 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

#### 1. DIMENSIONS:

A minimum body length of ID 3,900mm and a width of ID 2,460mm is required.

Tenderers must offer the best body length to suit their chassis without chassis alterations, taking correct mass distribution, appearance and dump angle into account.

##### **Optional:**

A rear body overhang of not less than 1 200 mm to allow for a chip spreader to be attached.

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

#### 2. SIDES:

The drop sides, manufactured from mild steel of not less than 4.5mm, must be in two sections with dropdown centre and fixed corner posts and at least 560mm high. The dropsides shall be fitted with robust hinges and locking handles.

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

#### 3. TAILGATE:

The tailgate, manufactured from mild steel of not less than 4.5mm, must be at least 560mm high. The tailgate must be able to open at the top or bottom

##### **Bottom opening:**

The tailgate must be able to open automatically at the bottom fitted with bottom catches.

##### **Optional:**

The tailgate must be able to be opened with a remote control lever for the bottom catches at the front of the body.

##### **Top opening (Chip Spreader):**

The tailgate must be able to open at the top fitted with robust locking levers. Chains must be fitted to hold the tailgate level with the body floor when opened from the top.

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

#### 4. FLOOR:

The floor shall be manufactured from **Corten steel** of not less than 5mm thickness and shall be suitably reinforced to ensure that a flat floor surface is attained.

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

#### 5. 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: \_\_\_\_\_

**6. CAB PROTECTOR:**

A substantial cab protector, extending over at least half of the cab or to a maximum horizontal measurement of 600mm forward, with an opening corresponding to the rear window/s suitably protected by steel grid of approximately 38mm mesh, is required

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

**7. REAR PANEL:**

A recessed rear panel manufactured from mild steel of not less than 3mm over the full width of the body to house a chevron, number plate and rear light assemblies is required.

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

**8. MUDGUARDS:**

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

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

**9. TIPPING:**

A hydraulic hoist is required with a tipping angle of approximately 50°. Hydraulic controls should allow for tipping, lowering and keeping the tip body safely in any tipping position while the pump is running.

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

**10. 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: \_\_\_\_\_

**11. 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: \_\_\_\_\_