

## SPECIFICATION RT57-03-06-02

### ROLLBACK BODY FOR 10TON PAYLOAD TRUCK

A rollback steel body of robust construction, fitted with a PTO driven hydraulic system, that must be able to recover all HCV and Busses with tare weight of not less than 6,500kg, complying to the following is required: -

**1. DIMENSIONS:**

A minimum body length of not less than 6,500mm and a width of 2,600mm is required. Tenderers must offer the best body length to suit their chassis and with a cab to body gap to manufacturers specification, not exceeding 400mm.

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

**2. CHASSIS:**

To accommodate the deck, the chassis may have to be extended, this must be done to the manufacturer's specification.

The bidder must ensure that the spring assembly at the rear axle is adequate to prevent excessive sagging when loaded.

If bidder ignores this, any measure to rectify the problem, will be at the expense of the bidder.

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

**3. FLOOR:**

The floor shall be manufactured from mild steel plate of not less than 6,0mm thickness and shall be suitably reinforced to ensure that a flat floor surface is attained.

Side rails of  $\pm 200$  mm in height and adequate strength must be fitted.

At least eight (8) hardened steel chain keyhole anchor points must be provided in the deck.

The deck must have a positive locking mechanism to prevent accidental tilt.

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

**4. CAB PROTECTOR:**

A deck-mounted cab-protecting headboard is required. Top of cab protector to be at least 150mm above cab

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

**5. SUBFRAME:**

A full-length rugged sub-frame with cross braces must support the deck. Cross-braces not more than 400mm apart.

There must be full length "Nylotron" or equal friction plates on the sub frame to prevent metal-to-metal contact.

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

**6. 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.

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

**7. SECOND VEHICLE TEE BAR:**

A second vehicle Tee Bar must be fitted at the back of the deck. This is a manually operated rear Tee bar that allows the transportation of a second vehicle. This unit is could also be available as a hydraulically operated Tee bar

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

**8. TOOLBOXES:**

Two (2) lockable toolboxes must be fitted to the deck, one on each side at the front

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

**9. MUDGUARDS:**

Sturdy, firmly braced mudguards must be fitted behind and in front of the rear wheels.

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: \_\_\_\_\_

**RECOVERING SYSTEM**

The recovering system must operate from a PTO driven hydrostatic system.

**1. WINCH**

A nine (9) ton reliable hydraulic winch must be mounted to the deck.

A 20 m high tensile cable of adequate strength and size must be supplied with the winch.

The winch must be fitted with a cable spacing tension plate.

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

**2. HYDRAULIC PUMP**

The hydraulic pump must be mounted directly to the power take off attachment and must be driven by the truck engine. The hydraulic winch and hydraulic cylinders for the deck must automatically lock and hold their load, even when the power take off is disengaged or in the event of hydraulic malfunction.

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

**3. HYDRAULIC CYLINDERS:**

All cylinders must be of adequate optimum size and design to operate effectively and safe.

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

**4. HYDRAULIC FILTER:**

The system must be fitted with an in line filter.

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

**5. HYDRAULIC HOSES:**

All hydraulic hoses must properly route, secured and be protected against chaffing.

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

**6. CONTROLS**

The Power Take Off (PTO) must be activated and de-activated from the inside of the cab.  
Controls for the winch and deck must be located at the back of the deck.  
The controls must be positioned in such a way that the operator can easily perform all the functions of the vehicle.  
Control handles must automatically return to their neutral position when released and all hydraulic functions must be controlled by the amount of handle movement.  
The controls must have a protective cowl.

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

**7. LUBRICATION**

Lubrication points must be provided where required and must be positioned in easily accessible places. All grease nipples must be painted red.

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

**8. LIGHTS**

At least one light must be supplied to illuminate the rear working area.  
There must also be marker lights mounted along the side of the vehicle.  
A tailboard, wired to SABS Specification must be supplied. Bidder must ensure that the cable is long enough.

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

**9. ACCESSORIES**

The following equipment must be supplied:  
Two (2) SC2510 hold down chains.  
Two (2) HU2510 hook up chains.  
One (1) matching snatch-block.  
One (1) V-chain.

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