

SPECIFICATION RT57-03-07-03

PRISON/RIOT VAN BODY, SINGLE COMPARTMENT, FOR 7TON PAYLOAD TRUCK

A dropside platform steel body of light but robust construction complying to the following is required:

1. **DIMENSIONS:**

A minimum body length of 7,200mm and a width of 2,600mm and a height of 2,200mm 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.

The body shall comply with the requirements of the Road Traffic Management Act (Act 29 of 1989) as amended.

Particulars of offer: _____

2. **MATERIAL:**

Floor: Must be manufactured from mild steel of not less than 4mm.

Sides: Must be manufactured from mild steel of not less than 1.6mm and the steel structure not less than 1.6mm.

Doors: Must be manufactured from mild steel of not less than 1.6mm.

Particulars of offer: _____

3 **FLOOR**

The floor shall be manufactured from mild steel plate of not less than 4mm thickness and shall be suitably reinforced to ensure that a flat floor surface is attained.

4. **BODY SIDES**

4.1 The sides of the body must consist of 1440mm high, 1,6 mm electro galvanised mild steel plate pressed to ensure rigidity and to prevent drumming, riveted to the floor panel and pillars.

4.2 Upright pillars as shown on the drawing and bent from 1,6 mm electro galvanised mild steel plate must also be incorporated.

4.3 The steel plates, preferably plain sheet to ensure easy Police marking on the body sides.

Particulars of offer: _____

5.0 **ROOF**

5.1 The roof must be panelled with 1,2 mm Electro galvanised mild steel pressed and welded intermittently to suitable roof sticks to prevent sagging and drumming and welded to a 1,6 mm Electro galvanised folded mild steel.

State: Type and size of roof stick section.

5.2 Drip rails must be fitted on the sides and the rear of the body.

5.3 A channel, of square tubing across the Roof for electrical wiring must be built as shown in the drawing.

5.4 There must be no access to the wires from inside the body.

Particulars of offer: _____

6.0 **SEATS**

6.1 1,6 mm Rigid bench type electro galvanised, mild steel seats along the sides and front end must be welded and riveted to the sides, the front and rear of the body and the floor to give additional sturdiness to the body.

6.2 Seats to be approximately 350 mm high and 350 mm wide.

6.3 A thin rubber finish or a chip free coating must cover the total surface of the seats. This surface must not stain clothes.

State: Type of finish.

7. **DOOR**

7.1 Three (3) doors manufactured of 1,6 mm electro galvanised mild steel plate pressed and suitably reinforced with channel of the same thickness, 1200 mm high x 915 mm wide, must be fitted on the left side of the body with a full length extra heavy duty piano hinge or heavy duty single hinges.

7.2 Two "anti-luce" type locking devices must be welded to the body and door to facilitate padlock locking. Two stainless steel back plates of adequate size must be provided where the door makes contact with the canopy at these locks.

7.3 Three (3) galvanized swing-handle type locking device of at least 30 x 4 mm flat bar must be fitted. The catch on the body must be of the same material and must be tapered to create a tightening effect on the door as the handle goes into the close position. A stainless steel plate of adequate size must be provided to prevent damage to paint when door is opened or closed.

7.4 A robust and non-slippery hand rail must be fitted on the side of the body, as shown in the drawing.

7.5 Padlocks will be supplied by the South African Police Service.

7.6 A rubber pin and socket doorstop must be supplied.

7.7 All doors must open from left to right, as shown in the drawing.

8. **WINDOWS**

8.1 Aluminium framed sliding windows, dimensions approximately 840 mm x 420 mm must be fitted on both sides of the body in configuration as shown on the drawing.

8.2 Rubber linings must be used to adhere frames to the body as well as for sealing purposes.

8.3 Perspex glass not less than 4 mm thick must be used.

State: Thickness of glass.

8.4 Two strips of flat bar 20 mm x 4 mm must be welded horizontally on the inside in front of each window.

8.5 These bars must be vertically supported in the middle by two of the same flat bar as in 8.4

9.0 **SCREENS**

9.1 Welded mesh screens, 25 mm x 25 mm x 4 mm diameter, must be mounted and welded to frames of equal gauge and fitted over the windows of the loading body. The frame must be riveted to the body on both sides. The screens must be closed at the bottom to prevent items being passed through.

9.2 All screens must be dipped and treated against corrosion and can be painted black.

9.3 Galvanized parts damaged in welding processes, must be well cleaned and painted.

9.4 The screens must be fitted in such a way to enable the cleaning of the windows from the inside.

10 **DRAINAGE HOLES**

10.1 Holes of 12 mm diameter must be drilled in the floor at the rear door and at all places where water can accumulate and requires drainage.

11. **MUDGUARDS**

11.1 Mudguards consisting of a metal upper-construction and rubber sheeting must be fitted behind the rear wheels.

12. **PAINT**

12.1 All interior and exterior ferrous metal surfaces must be pre-treated prior to assembly) by dipping, spraying or any other approved method with a rust preventative or galvanized or equal to protect metal corrosion.

State: Treatment

12.2 Complete body must be spray painted with two coats of paint over primer to match the cab, except bottom of body and floor, which must be painted with a suitable rust preventative bitumen paint which will not chip off easily

12.3 All joints must be rendered water proof.

State: Method.....

12.4 Areas where the primer has been destroyed, as a result of welding, must be re-cleaned and phosphate. A primer touch-up operation must be incorporated.

State Material