

SPECIFICATION RT57-01

INSTALLATION OF DOG CAGES IN MOTOR VEHICLES

1. GENERAL

- 1.1. The South African Police Service require the installation of dog cages in sedans and hatch backs.

Particulars of offer: _____

- 1.2. The cages must not spoil the appearance and functioning of the vehicle.

Particulars of offer: _____

- 1.3. The whole structure of the cages must be removable to be transferred to another vehicle of the same model.

Particulars of offer: _____

- 1.4. The dog cages must be installed in manner that there will be no water leakages after it has been installed.

Particulars of offer: _____

- 1.5. All part removed during installation must be Submitted back to the SAPS. (e.g. Seats, door panels etc)

Particulars of offer: _____

- 1.6. ALL BIDDERS MUST BE APPROVED BODY BUILDERS WRITTEN CONFIRMATION MUST BE SUPPLIED WITH BID DOCUMENTS. FAILURES TO SUBMIT PROOF WILL DIQUALIFY BID.

Particulars of offer: _____

2. SPECIFICATION

2.1. Body

- 2.1.1. The back seats and inside door panels must be removed.

Particulars of offer: _____

- 2.1.2. The rear door windows must be operated in the same manner as before.

Particulars of offer: _____

- 2.1.3. A solid steel base of adequate strength to support the weight of two dogs, must line the inside of the vehicle at the back.

State: Type of material _____

- 2.1.4. This base must cover the whole area from the back (below hatch window) downwards to the front and up against the back of the front seats to the roof.

Particulars of offer: _____

- 2.1.5. The base must be flat where the dogs will sit, stand or lie.

Particulars of offer: _____

- 2.1.6. The roof of the cage must be covered with a steel base.

Particulars of offer: _____

- 2.1.7. If the fuel tank is situated underneath the dog cage both cages must have access hatch to again access to the fuel tank

Particulars of offer: _____

- 2.1.8. The base must be fixed to the chassis and body of the vehicle. It must be sealed between base and door frames to enable the cages to be cleaned with a hose pipe.

Particulars of offer: _____

- 2.1.9. A welded mesh screen, 50 mm x 25 mm x 5 mm must be provided at the back and at the two back side windows.

Particulars of offer: _____

- 2.1.10. The inside door panel must be replaced with aluminium/steel panel.

Particulars of offer: _____

- 2.1.11. The panel must have an access hatch which can be removed to again access to the door electronics if required. The hatch must be water proof.

Particulars of offer: _____

- 2.1.12. The area at the back must be divided into two halves, each accommodating a dog.

Particulars of offer: _____

- 2.1.13. The division must be of steel or aluminium for the lower part, window height downwards, and welded mesh 50 mm x 25 mm x 5 mm to the roof, all in a steel frame.

Particulars of offer: _____

- 2.1.14. A window must be provided between the front seats in the vertical part of the base which runs upwards behind the seats. The window must be 700 mm x 548 mm made of polycarbonate in a metal frame.

Particulars of offer: _____

2.1.15. A welded mesh screen, the same as in 2.9 must be provided at the dog side.

Particulars of offer: _____

2.1.16. It must be placed away from the window to enable the cleaning from the back.

Particulars of offer: _____

2.1.17. All steel must be free of sharp edges.

Particulars of offer: _____

2.1.18. All steel work must be cleaned and protected against rust.

Particulars of offer: _____

2.1.19. All steel must be painted black and be powder coated.

Particulars of offer: _____

2.1.20. The whole of the interior that accommodate the cage, must be sprayed with a liner/ sealer to ensure no leaking of moisture into the rest of the vehicle.

Particulars of offer: _____

2.1.21. The length of the cage from the rear to the back of the seat must be approximately 800 – 900mm.

Particulars of offer: _____

2.1.22. Enough space must be left for the driver to sit comfortably with a bulletproof vest on.

Particulars of offer: _____

2.2. Liner

2.2.1. The whole dog compartment must be sealed with a 100% solid, polyurethane/ polyurea elastomer liner.

State: Type of liner _____

2.2.2. The setting time of the liner must be such that it can be handled and walked on within + 40 seconds.

Particulars of offer: _____

2.2.3. The liner material must not consist of any solvents or VOC's

Particulars of offer: _____

- 2.2.4. The liner material must remain flexible at extreme temperatures of –30 degrees C to 90 degrees C.

Particulars of offer: _____

2.3. Rectangular Tube Insert

- 2.3.1. Underneath the division (2.1.12) a rectangular tube must be placed and secured to the floor. The size of tube must be 50 x 38 mm and placed in the upright position and must cover the length of the floor.

Particulars of offer: _____

- 2.3.2. Inside the tube the wiring for the blue lights and siren will be placed. The tube must be properly bolted down on the floor of the cage and the partitioning on top of the tube. The tube must run from the boot and exit behind the front seats.

Particulars of offer: _____

3. WORKMANSHIP AND MATERIAL

- 3.1. Material must be new and of the appropriate grade and size. Workmanship and finish must be in accordance with high quality trade practice.

Particulars of offer: _____

- 3.2. Welds, whether spaced or full, must be free from slag inclusions and must have no porosity.

Particulars of offer: _____

- 3.3. Any cavities where dirt may collect, must be sealed with silicon sealer, or similar.

Particulars of offer: _____

4. PAINT

- 4.1. All ferocious metal surfaces must be pre-treated with a rust preventative to protect against metal corrosion.

Particulars of offer: _____

- 4.2. An epoxy primer must be applied according to the manufacturer's instructions by means of conventional spray gun, air less spray gun, brush or any other advanced approved method to dry a film thickness of 60 microns and allowed to dry properly. Equal / similar to: Retek Poly Urethane

State: Type of material _____

- 4.3. An epoxy coating (Poly Urethane) on all panels which is extremely resistant to acidic and alkali environment must be applied as top coat by means of conventional spray gun, air less spray gun, brush or any other spray advanced approved method to dry film thickness of 60 microns. Equal / similar to: Retek Poly Urethane

State: Type of material _____

The final paint coating must be that of 120 microns to ensure proper protection and durability against metal corrosion and acidic. Colour: Black semi mat

State: Type of material _____

- 4.4. Paint applicators must guard against contamination between the primer and top coating. A solvent must be used to clean the primer area properly before the top coat is applied.

Particulars of offer: _____

- 4.5. Where applicable areas where the primer has been destroyed, as a result of welding, must be re-cleaned. A primer touch up operation must be incorporated.

Particulars of offer: _____

5. INFORMATION WITH TENDER

- 5.1. Additional information for evaluation of the offer may be supplied.

- 5.2. Deviation from the specification must be listed in order of sequence. Where no deviations are listed, the offer shall be accepted as complying fully with the specification requirements.

Particulars of offer: _____

6. INSPECTION AND ACCEPTANCE

- 6.1. The first-off unit shall be considered as a prototype and shall be subjected to inspection and acceptance by Expert Services, S A Police Service. All further units shall be constructed in a similar manner to that of the approved prototype.

- 6.2. All materials, workmanship and construction shall be subjected to inspection and acceptance by Expert Services, S A Police Service.

7. WARRANTY

- 7.1. All construction work must be guaranteed in terms of the General Conditions of Contract, Annexure A.