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SPECIFICATION ARMY(AUST) 80

FOR

TRUCK, AMBULANCE, 4 STRETCHER, G.S. LAND ROVER

SERIES 2, 109 INCH, W. B.

Issue 7

Issue	Date	Change Authority	Paragraph
E	9 Dec 63	MV 346/63	Para 4.4.1
7	26 Jan 66	V 605/65	4.8 (New)

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Design Approved

20 JUNE 1962

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Approved for Production/
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MASTER GENERAL OF THE ORDNANCE

10 Aug 62

4. REQUIREMENTS

4.1 General

4.1.1 The ambulance, 4 stretcher, GS, shall be a fully enclosed van type vehicle mounted on a Land Rover, Series 2, 109 inch WB (Wheelbase) chassis.

4.1.2 Interchangeability of parts including spares shall be maintained throughout the contract. Alternative parts shall not be introduced without the prior approval of the Director of Army Inspection.

4.1.3 All components shall be as standard as possible with those used in previous orders for Ambulances.

4.2 Chassis

4.2.1 The chassis used for each body shall comply with the latest issue of Specification Army(Aust)73.

4.2.2 If the tender documents state that the chassis will be provided "in aid" to the contractor, the issue of Specification Army(Aust)73, to which the chassis were manufactured will also be stated.
The Contractor shall then be responsible for converting these chassis to comply with the latest issue of Specification Army(Aust) 73.

4.2.3 The contractor shall supply and fit to the chassis, the cab, and body and all fittings detailed in the Drawing Series ADE(V)44 and this specification.

4.3 Body and Cab

4.3.1 The body and cab shall be constructed in accordance with the details of the Drawing Series ADE(V)44.

4.3.2 A rotating red light shall be fitted. It shall be suppressed by the $\frac{1}{2}$ F capacitor supplied with the basic chassis. The capacitor shall be connected to the battery lead of the motor driving the rotating red light and earthed to the screw on the base plate of the light. (See specification Army(Aust)73 Annex 'A').

4.4 Electrical Equipment

4.4.1 The vehicle shall be wired as detailed in the drawing ADE(V)44-3. Bridging of the terminals of the 12 pin socket shall be done at the junction box or by some other approved method outside the socket.

- 4.4.2 The interior dome lights shall be controlled by the master control switch on the dashboard in both standard and, at reduced intensity, blackout lighting positions.
- 4.4.3 All electrical components, wiring and harness shall be suitable for continual use at any temperature within the range of 5°F and 121°F and in 100% humidity conditions between 32°F and 95°F.
- 4.5 Fittings and Accessories
The items detailed in para 6.2 of Specification Army(Aust)73 shall be fitted by the contractor as detailed in the Drawings Series ADE(V)44 and to the satisfaction of the Inspecting Officer.
- 4.6 Materials
All materials shall be as specified. Where the material is not specified it shall comply with the relevant Australian or British Standard Specification, where such exist, or, in their absence, to any specification approved by the Inspecting Officer.
- 4.7 Workmanship
Workmanship shall be in accordance with best trade practice and shall be to the satisfaction of the Inspecting Officer.
- 4.7.1 Welding
The preparation for, and the application of all metallic arc welding shall be strictly in accordance with the AS Welding Code CA8.
- 4.7.2 Painting
The preparation of surfaces and the painting processes shall be as detailed in ADE(V)44-468.
- 4.8 Manufacturers Drawings
As a part of each contract, the Contractor shall supply one set of drawing prints of each item and assembly of parts special to this Vehicle including Rover parts modified for Army requirements. In addition drawing prints, of the general arrangement covering the complete vehicle, and all wiring diagrams shall also be supplied by the Contractor. (Excluded from these requirements are parts already shown on ADE drawing sheets).
These prints, which may be on the Contractor's own drawing sheets, shall be accompanied by a schedule listing the drawing titles and numbers, and indicating the Service name of the equipment, the CAPO number and the date of the contract.
On completion of the contract, the Contractor shall forward the above data to the Chief Superintendent, Army Design Establishment.

4.9 Tendering

4.9.1 Samples

The Tenderer shall submit samples of all components and all materials designated as approved components or materials. Alternatively, the Tenderer shall state the source of supply in sufficient detail in order that the components and materials can be readily checked or recognised.

4.9.2 Departures

Should the tenderer desire to depart in any manner from the requirements of this specification, such manner of departure shall be clearly shown in the tender, together with a statement of the advantages to be gained by its adoption.

4.9.3 Warranty

Details of the Warranty shall be notified by the Tenderer in his tender.

4.9.4 Rejection

Tenders, which are not accompanied by the information asked for above, may be rejected without further consideration.

5. INSPECTION AND TESTS

5.1 Inspection

All supplies shall be subject to the approval of the Inspecting Officer. Any supplies submitted by the Contractor for acceptance which, in the opinion of the Inspecting Officer, are inferior in quality of materials or workmanship, or differ in any respect from the Specification, Drawings, Samples or other particulars (as the case may be) may be rejected by him.

5.2 Tests

The Inspecting Officer may witness any or all of the Contractor's tests or himself perform any tests or inspection necessary to ensure that the stores comply with this specification.

5.2.1 Tests to Specifications

The Contractor shall be responsible for carrying out any tests required by the Inspecting Officer to ensure that the complete equipment is in accordance with this specification.

5.2.2 Facilities Provided by Contractor

In addition, the contractor shall be responsible for providing any test equipment and facilities, including accommodation, that may be required by the Inspecting Officer for the Purpose of ensuring that the equipment complies with this specification.

6. PREPARATION FOR DELIVERY

Packing, packaging, preservation and marking shall be in accordance with the relevant sections of Specification DEF(Aust)1000, or other requirements, as designated in the tender schedule or official order.

7. NOTES

7.1 Intended Use

The complete vehicle will be used by the Royal Australian Army Medical Corps for the conveyance of sick and injured personnel.

7.2 Ordering Data

Procurement Documents should specify the following:

- 7.2.1 Title, number and date of this Specification.
 - 7.2.2 Details of the type of preservation, packaging, identification, labelling, etc, to be used by the contractor.
 - 7.2.3 If the chassis will be supplied "in aid" the relevant issue of Specification Army(Aust) 73 (See para 4.2.2). should be stated.
 - 7.2.4 Whether or not the rotating red light (para 4.3.2) or the OXY-VIVA fittings (para 4.3.3) are to be fitted.
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Prepared by:

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