

Australian Standard[®]

**Tender documentation for urban
transit buses**

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ACTION, Canberra
Brisbane City Council, Department of Transport
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Public Transport Corporation (Victoria)
State Transport Authority—S.A.
State Transit Authority (N.S.W.)
Transperth
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**Tender documentation for urban
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PREFACE

This Australian Standard was prepared by the Project Control Group of the Australian City Transit Association Incorporated (ACTA Inc) with integral assistance from Standards Australia. ACTA Inc represents public authorities who operate passenger buses on inter- and intra-urban services throughout Australia. Also represented on the Project Control Group were the manufacturers and body builders who produce vehicles for such services.

The General Conditions component of the Standard is based substantially upon Australian Standard AS 3556—1988, *General conditions of contract for the supply of equipment*, and the document as a whole has been produced by ACTA Inc with assistance by Standards Australia, for publication by Standards Australia.

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FOREWORD

This Standard, in hard copy, with parts published also in electronic format, is intended for use in the process of procurement by invited tender, of passenger buses for operation in inter- and intra-urban services throughout Australia.

In using the Standard, it is expected that intending purchasers will prepare Tender documents with their own technical and other data which particularizes the transaction, entered in the appropriate spaces. The resulting enquiry document will be transmitted, possibly electronically, to potential Tenderers. Tenderers will in reply enter their proposal data and transmit, also possibly electronically, the result to the organization calling the Tender.

STANDARDS AUSTRALIA

Australian Standard

Tender documentation for urban transit buses

SECTION 1 INTRODUCTION

1.1 CALL FOR TENDERS The Purchaser seeks offers for the supply and delivery of buses to be used primarily for passenger transportation in urban and outer urban areas.

The documentation consists of the Australian Standard AS 4039, together with 2 normative appendices setting out the Purchaser's specific requirements and providing schedules of data etc.

Conditions of Tendering are set out in Section 2 of the Standard. General Conditions of Contract will be found in Section 3 and are supplemented by an Annexure, and Section 4, Special Conditions.

The Specifications for the work under the Contract comprise Section 5, General, Section 6, Chassis and Section 7, Body Specifications.

In the documents comprising Appendix A, will be found (in Part 1) general information concerning the Contract, including expected operating conditions of the buses to be procured, and (in Part 2) details of lodgment of Tenders.

Part 3 of Appendix A contains modifications to the Standard, including deletions, amendments and additions. The remainder of Appendix A (Parts 4—11 inclusive) sets out Special Conditions, Specifications, Approvals, Drawings which form part of the Specification, the Form of Tender and the Form of Formal Instrument of Agreement.

Finally, Appendix B comprises 3 schedules of information and technical data concerning the Tenderer's offer, which is required to enable assessment of Tenders.

1.2 GENERAL DESCRIPTION Buses offered in the tender and to be supplied to the Purchaser shall provide safe, efficient, reliable and cost effective passenger transportation under the conditions outlined in Appendix A, Part 1.

Buses should be modern, visually attractive, and environmentally compatible, offer a high level of driver and passenger comfort and be of minimum mass commensurate with adequate strength. The buses shall be designed to withstand the dynamic and operational loads imposed during service.

Major components of the bus shall be of quality adequate to ensure that, with reasonable maintenance by the Purchaser, no major overhaul or replacement of non-wearing parts will be required during the estimated service-life as given in Appendix A, Part 1.

Buses shall comply with all requirements of the Specification except where and as agreed by both parties to the Contract.

1.3 EVALUATION The following factors are important to the Purchaser and will be considered in and as part of the evaluation of tenders:

- (a) Compliance with the Specification.
- (b) Established reliability of the buses offered.

Reliability of service is important to the Purchaser and evidence of successful urban operations shall be provided. Reliability of company products of a similar construction and in similar service will be considered as evidence. This information shall be provided in Appendix B, Part 3.

- (c) Tendered price, warranty conditions, and price and availability of spare parts.
- (d) Technical support and training formally included in the offer, together with likely cost of provision of these services. This information shall be provided in Appendix B, Part 3.
- (e) Likely operating and maintenance costs.

Cost effectiveness is improved by maximum service, replacement and overhaul intervals and by careful design to ensure that components likely to wear or receive damage are readily available or capable of fabrication using established and readily available techniques.

- (f) Contribution to minimizing environmental impact.

Particular attention in this respect will be given to noise and gaseous emission levels.

- (g) Contribution to driver and passenger comfort.

Ease of access, floor heights and efficiency of ventilation are all important aspects of comfort.

- (h) Contribution to safety.

Driver visibility, ease of driving and performance of the bus each contribute to safety, together with other requirements as specified.