



V8 SUPERCARS AUSTRALIA PTY LTD
ACN 077 053 484
45 NERANG ST
SOUTHPORT QLD 4215
PO BOX 607 SOUTHPORT BC QLD 4215
T 07 5630 0364
E RECEPTION@SUPERCARS.COM
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Invitation to Tender for Supercars Control Damper 2020-2024

1. Introduction

The governing body of Supercars Australia is looking to introduce a control damper from a single supplier as soon as the start of the 2020 season that will achieve higher mileage than current units and be sealed.

As part of the process, we are looking at various options which are listed in this document.

2. Timeline

a. Supercars issue first RFQ	16/05/2019
b. All questions relating to RFQ sent to Supercars	29/05/2019
c. Quotes received	05/06/2019
d. Supercars issue final RFQ and draft contract to short list	19/06/2019
e. Final quotes received	03/07/2019
f. Contract signed	30/08/2019

3. Technical Requirements

- a. Supercars are currently considering the various options:
 - i. 2-way adjustable damper
 - ii. 4-way adjustable damper
- b. Damper length:
 - i. Front: Extended: approx. 560.00 mm; Closed: approx. 460.00 mm
 - ii. Rear: Extended: approx. 560.00 mm; Closed: approx. 440.00 mm
- c. Shaft diameter: 15.0mm
- d. Ability to use current specification of spring used in the Series.
 - i. Front: 38.0mm ID or 1.5" ID
 - ii. Rear: 60.0mm ID
- e. Service life more than 7500kms (open for comments)
- f. The Control Damper must be able to accommodate the performance envelope as defined in Appendix A & B. The Control Damper may be the same unit for both front and rear.



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4. Commercial

- a. Prices must apply to volumes of around 200 front and 200 rear dampers, however this will vary, and Supercars cannot control the actual number.
- b. Quote must include pricing options
 - i. Lease
 - ii. Outright purchase of components
 - iii. Servicing costs and freight options and costs.
- c. All units to be sealed by the supplier/manufacturer and serviced by the supplier/manufacturer in Australia.
- d. Supplier may be required to provide track support for race meetings and Supercars Test Days.
- e. The supplier should detail the quality and quantity of customer support both at event and between events.
- f. The supplier must ensure that availability of parts and spares throughout the lifetime of the agreement will not affect Supercars supply and/or cost.
- g. Any branding of the Control Damper to be agreed with Supercars.
- h. Any prices quoted, other components or any services will apply to 2020 and subsequent prices for each year can increase by maximum of Australian annual inflation.
- i. Any quoted prices must be in AUD and the foreign exchange risk will be the supplier's risk.
- j. The successful Control Damper supplier will not be able to enter into any particular or exclusive arrangement with any Supercars Team.
- k. All quotes must include itemized as well as assembly pricing.

5. Control Damper Sign Off Test

- a. Track testing may be required to sign off the parts. If occurring outside a race meeting, the organization and cost is the responsibility of the Control Supplier.
- b. On-track testing may be followed by dyno testing to assess the durability and the repetitive performance nature of the test units.



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6. Tender Document

It is expected that each tender document, due for delivery on or before 05/06/2019, will include the following:

- a. Complete bill of material, including components weights, defining all components to support the function of the Control Damper.
- b. Approach of the engineering phase, if required, and detailed timing plan including the sign off testing.
- c. Approach to proposed customer support and unit servicing scheme.
- d. The warranty terms and conditions that will apply to the Control Damper detailing limits for all relevant parameters.
- e. As much as is possible, details of any projects the potential supplier/manufacturer has delivered or is delivering which relate to the technical or operational aspects of this projects. For each project, the role of the supplier/manufacturer should be detailed and with whom the contract exists or existed.

7. Delivery point

All tenders should be delivered (either by post, e-mail or hand delivery) to:

Mr. Vincent Dumarski
Technical Projects Manager
Supercars Australia Pty Ltd
45 Nerang Street
Southport, Qld 4215

E-mail: vdumarski@supercars.com

8. Final Note

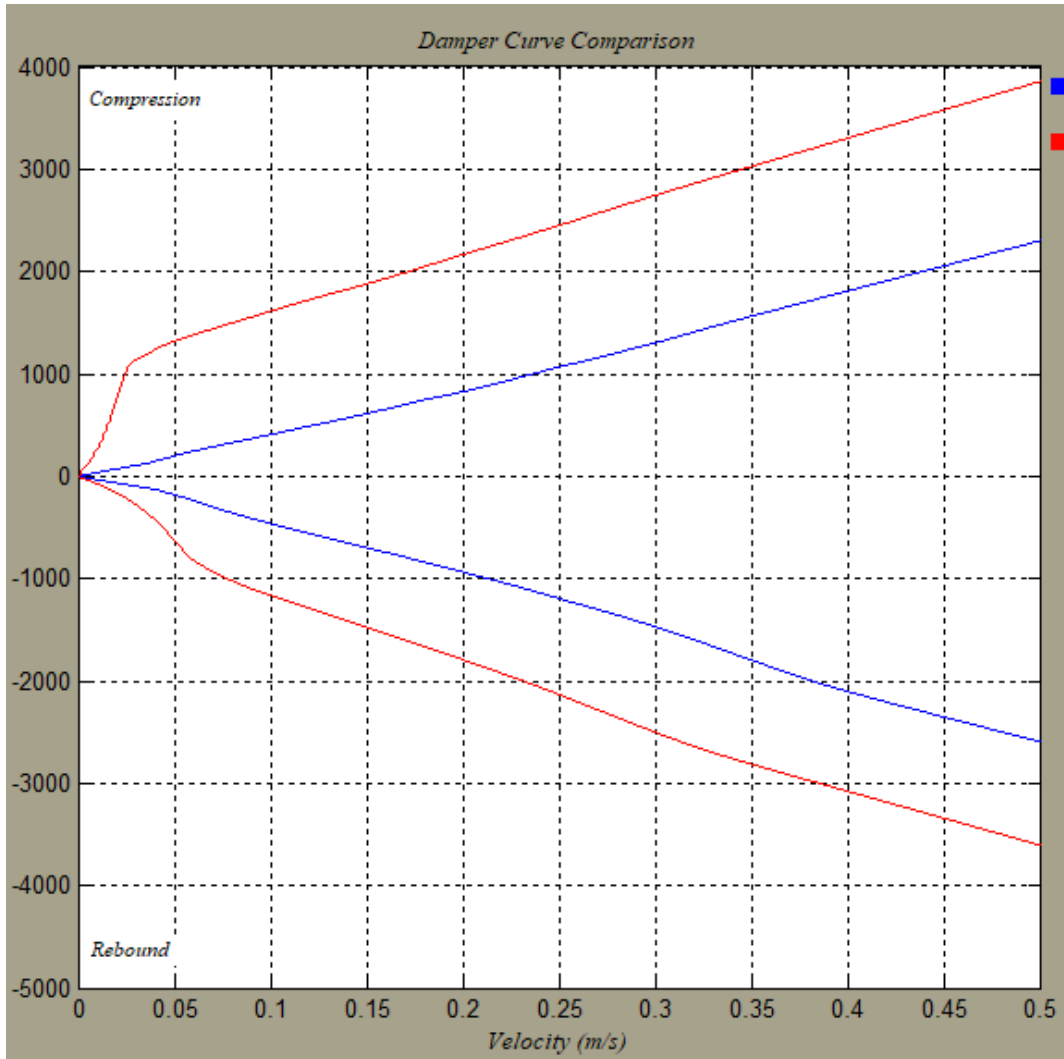
The selection of the winning bidder will be at Supercars' complete discretion. Additionally, there is no guarantee that a bidder will be successful.



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Appendix A

Damper Curve envelope for Front unit.





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Appendix B

Damper Curve envelope for Rear unit.

