

Company Details:

Universal Motion Simulator Pty Ltd (UMS)

MANUFUTURES

Building NP

Deakin University

75 Pigdons Road, Waurin Ponds, Victoria, 3216 Australia

[info@unimotionsim.com](mailto:info@unimotionsim.com)

<https://www.unimotionsim.com/>

Executive Summary:

Universal Motion Simulator Pty Ltd (UMS) has been contracted by the Commonwealth of Australia (CoA) to provide its high fidelity and immersive training solution to support Driver Training on the following vehicles:

- Boxer Combat Reconnaissance Vehicle (CRV)
- M1A2 Systems Enhancement Package Version 3 Abrams (M1A2 SEpv3) Main Battle Tank (MBT)
- M1150 Assault Breacher Vehicle (ABV)
- M88A2 Armoured Recovery Vehicle (ARV)

The scope of the contracted services include all activities needed to develop, manufacture, test and install six Reconfigurable Driver Simulators (RDS) and one Part Task Trainer Driver Simulator (PTT-DS) at the O'Donnell Centre in Puckapunyal, Victoria.

The RDS contract commenced in December 2018 is to be delivered over several years at a value of AUD \$40M. Approximately AUD \$33M of the contract value will be delivered by Australian Industry.

In support of the program UMS will deliver work packages including Project Management, Systems Engineering, Configuration Management, Integrated Logistic Support (ILS) and Verification and Validation (V&V).

To ensure the quality of the mission system deliverables, UMS have down selected and will use experienced Defence suppliers, Marand, Thomas Global Systems, Able Industries Engineering and Axiom Precision Manufacturing to aid the design, development and production of parts for the RDS.

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Scope of Future Work Opportunities:

There may be opportunities beyond LAND 400 Phase 2, LAND 907 Phase 2 and LAND 8160 Phase 1 for Australian companies to assist UMS in the potential delivery of Driver Training simulators across:

- Land 400 Phase 3. The Infantry Fighting Vehicle (IFV).

In the long term, UMS may pursue opportunities outside of the ADF Armoured Vehicle fleet, including:

- Rotary wing aircraft;
- Amphibious vehicle applications;
- Fixed wing aircraft; and
- Other critical training applications with federal and state first responders

Future Opportunities Industry Engagement:

UMS will continue to utilise Australian suppliers whenever possible. Companies who would like to make representations of their capability, innovation and value may register their interest with the UMS AIC Manager as follows:

Dr Peter Meikle

Chief Executive Officer

[peter.meikle@unimotionsim.com](mailto:peter.meikle@unimotionsim.com)

Authorised on behalf of UMS



Dr Peter Meikle

Chief Executive Officer

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